

STATE OF MICHIGAN
DEPARTMENT OF TECHNOLOGY, MANAGEMENT & BUDGET
PROCUREMENT

525 W. ALLEGAN STREET
LANSING, MI 48933

P.O. BOX 30026
LANSING, MI 48909

NOTICE OF CONTRACT NO. 071B6600014

between
THE STATE OF MICHIGAN
and

NAME & ADDRESS OF CONTRACTOR	PRIMARY CONTACT	EMAIL
RELM Wireless 7100 Technology Drive West Melbourne, FL 32904	Rich Hyland	rhyland@relm.com
	PHONE	VENDOR TAX ID # (LAST FOUR DIGITS ONLY)
	440-799-0202	7418

STATE CONTACTS	AGENCY	NAME	PHONE	EMAIL
PROGRAM MANAGER		Gerald Leach	517-490-4148	LeachG@michigan.gov
CONTRACT ADMINISTRATOR	DTMB	Mike Breen	517-284-7002	breenm@michigan.gov

CONTRACT SUMMARY			
DESCRIPTION: Two Way Radio Wireless			
INITIAL TERM	EFFECTIVE DATE	INITIAL EXPIRATION DATE	AVAILABLE OPTIONS
5 years	October 27, 2015	October 26, 2020	3, 1 year
PAYMENT TERMS	F.O.B.	SHIPPED TO	
Net 45	N/A	N/A	
ALTERNATE PAYMENT OPTIONS			EXTENDED PURCHASING
<input type="checkbox"/> P-card <input type="checkbox"/> Direct Voucher (DV) <input type="checkbox"/> Other			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
MINIMUM DELIVERY REQUIREMENTS			
N/A			
MISCELLANEOUS INFORMATION			
ESTIMATED CONTRACT VALUE AT TIME OF EXECUTION		\$2,000,000.00	

For the Contractor:

_____,
Contract Administrator

Date

For the State:

_____,

State of Michigan

Date

STATE OF MICHIGAN

Two-Way Radios, Mobile Stations, Software, Accessories and Associated Services

**STATEMENT OF WORK
CONTRACT ACTIVITIES**

Background

Contractor will provide state agencies and local units of government including cities, villages, counties, townships, school districts, non-profit hospitals, and institutions of higher education a means to purchase MPSCS approved two-way radios, mobile data computers, software, accessories and related services.

Requirements

PROJECT OBJECTIVE:

This contract provides the ability to purchase two-way radios, mobile data computers, software, accessories and related services for the Michigan Department of Technology, Management and Budget – Information Technology (DTMB - IT), Michigan's Public Safety Communications System (MPSCS). Additionally, the Contractor will provide professional services, to include but not limited to: extended warranty, installation, maintenance, repair, and training services.

Exact quantities to be purchased are unknown, however the Contractor will be required to furnish all such materials and services as may be ordered during the contract period. Quantities specified if any, are estimates based on prior purchases, and the State is not obligated to purchase in these or any other quantities. Orders for delivery will be issued directly to the Contractor by various State Agencies.

This contract is available to MiDEAL purchasing members.

SCOPE OF WORK:

The following commodities and services categories (but not limited to) shall be considered in scope for the resulting contract:

Work and Deliverable

Contractor must provide Deliverables/Services and staff, and otherwise do all things necessary for or incidental to the performance of work, as set forth in Article 1 of this Contract.

In Scope

The following commodities and services categories (but not limited to) shall be considered in scope for the resulting contract as related to Harris and/or Relm Public Safety Radios:

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- FIXED STATIONS
 - FIXED STATION ACCESSORIES
 - FIXED STATION CONTROLS
 - ANTENNA SYSTEMS
 - RECEIVERS
 - MICROWAVE
 - MOBILE RADIOS
 - MOBILE ACCESSORY
 - PORTABLE RADIOS
 - PAGERS
 - PAGING ENCODERS
 - SECURE SOLUTIONS
 - TRUNKED RADIO
 - FLASHPORT
 - DATA SYSTEMS
 - BROADBAND SOLUTIONS
 - BIOMETRICS
 - FIXED & MOBILE DATA
 - INTEGRATED SOLUTIONS (SOFTWARE)
 - PARTS & ACCESSORIES
 - PROFESSIONAL SERVICES
 - Extended Warranty
 - Installation
 - Maintenance
 - Repair
 - Training services

Product Requirements

Specifications

All pre-approved DTMB - IT commodities to be furnished hereunder are listed under Agency Specific Technical Environment of this Statement of Work.

Any additional items will require pre-approval by MPSCS, and submission the product specifications.

Research and Development

Contractor shall invest in new product research and development to stay current with ongoing demands.

Quality Assurance Program

The Contractor shall have a written quality control program which ensures that all manufacturers and suppliers to the Contractor have effective quality control programs, have standard operating procedures and use good manufacturing practices. The Contractor shall monitor the quality control program of all suppliers and manufacturers.

The State reserves the right to test products which have been received prior to acceptance, in accordance with "MPSCS Radio Acceptance Test Script" to verify compliance with specifications. It is agreed and acknowledged that once the State has tested a particular product(s) to verify compliance with the Contractor's published technical specifications and such verification occurs, the State has effectively accepted that product for purposes of compliance with specifications. A verified product shall then be subject to inspection only in accordance with Section 2. If after testing an unverified product, laboratory analysis shows that the product does not meet specifications, the State shall notify Contractor and provide detailed information regarding such analysis. The Contractor shall then conduct its own analysis and, if necessary, provide a mutually-agreeable plan to cure any verified non-compliance.

Warranty for Products or Services

Contractor(s) will proceed expeditiously to complete the repair of any defect or failure reported by the State.

Contractor will identify and attach copies of product warranties for items quoted.

TASKS:

Technical support is required to assist with the following tasks:

Radio Programming

Equipment repair

Equipment upgrades, new releases

Problem mitigation

DELIVERABLES:

Deliverables will not be considered complete until the Agency Project Manager has formally accepted them. Deliverables for this project include:

Line Number, Part Number, Description, List Price, State Discount, Software and warranty if applicable. The quote shall only apply to Relm public safety radios and associated products approved by MPSCS for use on the MPSCS Radio System

ACCEPTANCE CRITERIA:

Per approval of the designated project manager.

PROJECT CONTROL AND REPORTS:

RESERVED

SPECIFIC DEPARTMENT STANDARDS:

The links below provide information on the State's Enterprise information technology (IT) policies, standards and procedures which includes security policy and procedures, eMichigan web development, and the State Unified Information Technology Environment (SUITE).

Contractors are advised that the State has methods, policies, standards and procedures that have been developed over the years. Contractors are expected to provide proposals that conform to State IT policies and standards. All services and products provided as a result of this RFP must comply with all applicable State IT policies and standards. Contractor is required to review all applicable links provided below and state compliance in their response.

Enterprise IT Policies, Standards and Procedures:

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http://michigan.gov/dtmb/0,4568,7-150-56355_56579_56755---,00.html

All software and hardware items provided by the Contractor must run on and be compatible with the MDTMB Standard Information Technology Environment. Additionally, the State must be able to maintain software and other items produced as the result of the Contract. Therefore, non-standard development tools may not be used unless approved by MDTMB. The Contractor must request, in writing, approval to use non-standard software development tools, providing justification for the requested change and all costs associated with any change. The MDTMB Project Manager must approve any tools, in writing, before use on any information technology project.

It is recognized that technology changes rapidly. The Contractor may request, in writing, a change in the standard environment, providing justification for the requested change and all costs associated with any change. The State's Project Manager must approve any changes, in writing, and MDTMB, before work may proceed based on the changed environment.

Enterprise IT Security Policy and Procedures:

http://www.michigan.gov/documents/dmb/1310_183772_7.pdf

http://www.michigan.gov/documents/dmb/1310.02_183775_7.pdf

http://www.michigan.gov/documents/dmb/1325_193160_7.pdf

http://www.michigan.gov/documents/dmb/1335_193161_7.pdf

http://www.michigan.gov/documents/dmb/1340_193162_7.pdf

The State's security environment includes:

- MDTMB Single Login.
- MDTMB provided SQL security database.
- Secured Socket Layers.
- SecureID (State Security Standard for external network access and high risk Web systems)

PAYMENT SCHEDULE:

Payment will be made on a firm, fixed price basis. DTMB will pay CONTRACTOR upon receipt of properly completed invoices which shall be submitted to the billing address on the State issued purchase order not more often than monthly. DTMB Contracts area will coordinate obtaining Agency Project Manager and DTMB Project Manager approvals. All invoices should reflect actual work completed by payment date, and must be approved by the Agency Project Manager and DTMB Project Manager prior to payment. The invoices shall describe and document to the State's satisfaction a description of the work performed, the progress of the project, and fees. When expenses are invoiced, receipts will need to be provided along with a detailed breakdown of each type of expense.

Payment shall be considered timely if made by the DTMB within forty-five (45) days after receipt of properly completed invoices.

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EXPENSES:

The State will not pay for any travel expenses, including hotel, mileage, meals, parking, etc.

PROJECT CONTACTS:

The designated Agency Project Manager is:

Gerald Leach
DTMB/MPSCS
State Emergency Operations Center, 3rd floor
Lansing
4000 Collins Road
Lansing, Michigan, 48909
517-490-4148
leachg@michigan.gov

The designated DTMB Project Manager is:

Mark Sandberg
DTMB
MPSCS
4000 Collins Road
Lansing Michigan 48909
SandbergM@michigan.gov 517-336-2634

The DTMB Contract Administrator for this project is:

Mike Breen
Michigan Department of Technology, Management and Budget
DTMB Procurement, 1st Floor Constitution Hall
525 W. Allegan Street
Lansing, MI 48933
517- 284-7020
Email: breenm@michigan.gov

AGENCY RESPONSIBILITIES:

Submit orders in accordance with agency policy and procedure, test equipment immediately upon receipt, reporting deficiencies timely to the Contractor and pay invoices in accordance with invoice and payment processing terms and conditions.

LOCATION OF WHERE THE WORK IS TO BE PERFORMED:

Statewide, throughout Michigan

EXPECTED CONTRACTOR WORK HOURS AND CONDITIONS:

Work hours are not to exceed eight (8) hours a day, forty (40) hours a week. Normal working hours of 8:00 am to 5:00 pm are to be observed unless otherwise agreed to in writing.

No overtime will be permitted.

3. Staffing**3.1 Contractor Representative**

The Contractor must appoint an individual specifically assigned to State of Michigan accounts, that will respond to State inquiries regarding the Contract Activities, answering questions related to ordering and delivery, etc. (the "Contractor Representative").

The Contractor must notify the Contract Administrator at least **30** calendar days before removing or assigning a new Contractor Representative.

3.2 Customer Service Toll-Free Number

The Contractor must specify its toll-free number for the State to make contact with the Contractor Representative. The Contractor Representative must be available for calls during the hours of 8 am to 5 pm EST.

3.3 Technical Support, Repairs and Maintenance

The Contractor must specify its toll-free number for the State to make contact with the Contractor for technical support, repairs and maintenance. The Contractor must be available for calls and service during the hours of 8 am to 5 pm EST.

3.4 Work Hours

The Contractor must provide Contract Activities during the State's normal working hours Monday – Friday 7:00 a.m. to 6:00 p.m. EST, and possible night and weekend hours depending on the requirements of the project.

3.5 Key Personnel

The Contractor must appoint an individual as a Single Point of Contact (SPOC) who will be directly responsible for the day-to-day operations of the Contract. This person can be the same as the Contractor Representative. Key Personnel must be specifically assigned to the State account, be knowledgeable on the contractual requirements, and respond to State inquiries within 24 hours.

The Contractor must identify the Key Personnel, indicate where they will be physically located, describe the functions they will perform, and provide current chronological résumés.

3.6 Organizational Chart
Reserved.
3.7 Disclosure of Subcontractors
If the Contractor intends to utilize subcontractors, the Contractor must disclose the following:
The legal business name; address; telephone number; a description of subcontractor's organization and the services it will provide; and information concerning subcontractor's ability to provide the Contract Activities.
The relationship of the subcontractor to the Contractor.
Whether the Contractor has a previous working experience with the subcontractor. If yes, provide the details of that previous relationship.
A complete description of the Contract Activities that will be performed or provided by the subcontractor.
Of the total bid, the price of the subcontractor's work.
3.8 Security
The Contractor will be subject to standard MPSCS security procedures:
The Contractor must explain any additional security measures in place to ensure the security of State facilities.
The bidder's staff may be required to make deliveries to or enter State facilities. The bidder must: (a) explain how it intends to ensure the security of State facilities, (b) whether it uses uniforms and ID badges, etc., (c) identify the company that will perform background checks, and (d) the scope of the background checks. The State may require the Contractor's personnel to wear State issued identification badges.
4. Project Management
Will be required for implementations/purchases of a larger size or greater complexity on a case by case basis.
4.1 Project Plan
Project plan should identify items such as the required contact personnel; the date the project plan must be submitted to the State; project management process; project breakdown identifying sub-projects, tasks, and resources required; expected frequency and mechanisms for updates/progress reviews; process for addressing issues/changes; and individuals responsible for receiving/reacting to the requested information.
4.2 Meetings
If necessary for issue resolution will be scheduled at SOM location.
The State may request other meetings, as it deems appropriate.
4.3 Reporting
Reserved
5. Ordering
5.1 Authorizing Document

The appropriate authorizing document for the Contract will be a Purchase Order or Blanket Purchase Order.

6. Invoice and Payment

6.1 Invoice Requirements

See 6.4 below

6.2 Payment Methods

The State will make payment for Contract Activities via PO voucher Electronics Funds Transfer (EFT), Pcard, or Direct Voucher. N45

6.3 Procedure

Reserved

6.4 Price and Compensation

The MSRP Discount Percentage quoted in **Attachment A**, shall remain fixed for the duration of the contract.

The Professional Services Percentage of discount quoted in **Attachment A**, shall remain fixed for the duration of the contract.

Statements of Work and Issuance of Purchase Orders

The parties agree that the Services/Deliverables to be rendered by Contractor pursuant to this Contract (and any future amendments of it) will be defined and described in detail in Statements of Work or Purchase Orders (PO) executed under this Contract. Contractor shall not be obliged or authorized to commence any work to implement a Statement of Work until authorized via a PO issued against this Contract. Contractor shall perform in accordance with this Contract, including the Statements of Work/Purchase Orders executed under it.

All purchase orders are subject to the terms and conditions of any contract resulting from this Request for Proposals. In the event of a conflict between a purchase order and the contract, the contract shall control.

If mailed, a purchase order is considered "issued" when the State deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods.

Invoicing

Contractor will submit properly itemized invoices to "Bill To" Address on Purchase Order. Invoices must provide and itemize, as applicable:

- Contract number;
- Purchase Order number
- Contractor name, address, phone number, and Federal Tax Identification Number;
- Description of any commodities/hardware, including quantity ordered;
- Date(s) of delivery and/or date(s) of installation and set up;
- Price for each item, or Contractor's list price for each item and applicable discounts;

- Maintenance charges;
- Net invoice price for each item;
- Shipping costs;
- Other applicable charges;
- Total invoice price; and
- Payment terms, including any available prompt payment discount.

The State may pay maintenance and support charges on a monthly basis, in arrears. Payment of maintenance service/support of less than one (1) month's duration shall be prorated at 1/30th of the basic monthly maintenance charges for each calendar day.

Incorrect or incomplete invoices will be returned to Contractor for correction and reissue.

Tax Excluded from Price

(a) Sales Tax: For purchases made directly by the State, the State is exempt from State and Local Sales Tax. Prices must not include the taxes. Exemption Certificates for State Sales Tax will be furnished upon request.

(b) Federal Excise Tax: The State may be exempt from Federal Excise Tax, or the taxes may be reimbursable, if articles purchased under any resulting Contract are used for the State's exclusive use. Certificates showing exclusive use for the purposes of substantiating a tax-free, or tax-reimbursable sale will be sent upon request. If a sale is tax exempt or tax reimbursable under the Internal Revenue Code, prices must not include the Federal Excise Tax.

7. Liquidated Damages

Reserved

Department of Technology, Management & Budget, Procurement

Status:	Submitted	Description:	two way radio relm-harris
Vendor :	13521 - RELM Wireless Corporation	Received Date: (MM/DD/YYYY HH:MM:SS AM or PM)	04/21/2015 10:43:19 AM
Delivery Days:	21	Discount Percent:	38.0%
Bid Flag:	Yes	Alternate Bid:	Γ
Shipping Terms:	Free Along Side	Freight Terms:	Freight Prepaid

Article 2. Terms and Conditions

2.000 Contract Structure and Term

2.001 Contract Term

This Contract is for a period beginning 10/27/2015 through 10/27/2020. All outstanding Purchase Orders must also expire upon the termination (cancellation for any of the reasons listed in **Section 2.130**) of the Contract, unless otherwise extended under the Contract. Absent an early termination for any reason, Purchase Orders issued but not expired, by the end of the Contract's stated term, will remain in effect for the balance of the fiscal year for which they were issued.

2.002 Options to Renew

This Contract may be renewed in writing by mutual agreement of the parties not less than 30 days before its expiration. The Contract may be renewed for up to 3 additional 1 year periods.

2.003 Legal Effect

Contractor shall show acceptance of this Contract by signing two copies of the Contract and returning them to the Contract Administrator. The Contractor shall not proceed with the performance of the work to be done under the Contract, including the purchase of necessary materials, until both parties have signed the Contract to show acceptance of its terms, and the Contractor receives a contract release/purchase order that authorizes and defines specific performance requirements.

Except as otherwise agreed in writing by the parties, the State assumes no liability for costs incurred by Contractor or payment under this Contract, until Contractor is notified in writing that this Contract (or Change Order) has been approved by the State Administrative Board (if required), approved and signed by all the parties, and a Purchase Order against the Contract has been issued.

2.004 Attachments & Exhibits

All Attachments and Exhibits affixed to any and all Statement(s) of Work, or appended to or referencing this Contract, are incorporated in their entirety and form part of this Contract.

2.005 Ordering

The State will issue a written Purchase Order, Blanket Purchase Order, Direct Voucher or Procurement Card Order, which must be approved by the Contract Administrator or the Contract Administrator's designee, to order any Services/Deliverables under this Contract. All orders are subject to the terms and conditions of this Contract. No additional terms and conditions contained on either a Purchase Order or Blanket Purchase Order apply unless they are also specifically contained in that Purchase Order's or Blanket Purchase Order's accompanying Statement of Work. Exact quantities to be purchased are unknown; however, the Contractor will be required to furnish all such materials and services as may be ordered during the CONTRACT period.

Quantities specified, if any, are estimates based on prior purchases, and the State is not obligated to purchase in these or any other quantities.

Non-Exclusivity-Nothing contained in this Contract is intended nor will be construed as creating any requirements contract with Contractor. This Contract does not restrict the State or its agencies from acquiring similar, equal, or like Contract Activities from other sources.

Website Incorporation-The State is not bound by any content on Contractor's website unless expressly incorporated directly into this Contract.

2.006 Order of Precedence

(a) The Contract, including any Statements of Work and Exhibits, to the extent not contrary to the Contract, each of which is incorporated for all purposes, constitutes the entire agreement between the parties with respect to the subject matter and supersedes all prior agreements, whether written or oral, with respect to the subject matter and as additional terms and conditions on the purchase order must apply as limited by **Section 2.005**.

(b) In the event of any inconsistency between the terms of the Contract and a Statement of Work, the terms of the Statement of Work will take precedence (as to that Statement of Work only); provided, however, that a Statement of Work may not modify or amend the terms of the Contract, which may be modified or amended only by a formal Contract amendment.

2.007 Headings

Captions and headings used in the Contract are for information and organization purposes. Captions and headings, including inaccurate references, do not, in any way, define or limit the requirements or terms and conditions of the Contract.

2.008 Form, Function & Utility

If the Deliverable/Service does not meet the form, function, and utility required by that State agency, that agency may, subject to State purchasing policies, procure the Deliverable/Service from another source.

2.009 Reformation and Severability

Each provision of the Contract is severable from all other provisions of the Contract and, if one or more of the provisions of the Contract is declared invalid, the remaining provisions of the Contract remain in full force and effect.

2.010 Consents and Approvals

Except as expressly provided otherwise in the Contract, if either party requires the consent or approval of the other party for the taking of any action under the Contract, the consent or approval must be in writing and must not be unreasonably withheld or delayed.

2.011 No Waiver of Default

If a party fails to insist upon strict adherence to any term of the Contract then the party has not waived the right to later insist upon strict adherence to that term, or any other term, of the Contract.

2.012 Survival

Any provisions of the Contract that impose continuing obligations on the parties, including without limitation the parties' respective warranty, indemnity and confidentiality obligations, survive the expiration or termination of the Contract for any reason. Specific references to survival in the Contract are solely for identification purposes and not meant to limit or prevent the survival of any other section.

2.020 Contract Administration

2.021 Issuing Office

This Contract is issued by the Department of Management and Budget, Procurement (collectively, including all other relevant State of Michigan departments and agencies, the "State"). Procurement is the sole point of contact in the State with regard to all procurement and contractual matters relating to the Contract. Procurement **is the only State office authorized to change, modify, amend, alter or clarify the prices, specifications, terms and conditions of this Contract.** The Contractor Administrator within Procurement for this Contract is:

Michael Breen
Procurement
Department of Management and Budget
Constitution Hall
525 W. Allegan
PO Box 30026
Lansing, MI 48909
breenm@michigan.gov
517-284-7002

2.022 Project Manager / Contract Compliance Inspector (CCI)

After DMB-Procurement receives the properly executed Contract, it is anticipated that the Director of Procurement, will direct the person named below, or any other person so designated, to monitor and coordinate the activities for the Contract on a day-to-day basis during its term. However, monitoring of this Contract implies **no authority to change, modify, clarify, amend, or otherwise alter the prices, terms, conditions and specifications of the Contract as that authority is retained by DMB Procurement.** The Contract Compliance Inspector for this Contract is:

Gerald Leach
Department of Information Technology
4000 Collins Road
Lansing, MI
leachg@michigan.gov
517-490-4148

2.024 Change Requests

The State reserves the right to request from time to time any changes to the requirements and specifications of the Contract and the work to be performed by the Contractor under the Contract. During the course of ordinary business, it may become necessary for the State to discontinue certain business practices or create Additional Services/Deliverables. At a minimum, to the extent applicable, the State would like the Contractor to provide a detailed outline of all work to be done, including tasks necessary to accomplish the services/deliverables, timeframes, listing of key personnel assigned, estimated hours for each individual per task, and a complete and detailed cost justification.

If the Contractor does not so notify the State, the Contractor has no right to claim thereafter that it is entitled to additional compensation for performing that service or providing that deliverable.

Change Requests:

- (a) By giving Contractor written notice within a reasonable time, the State must be entitled to accept a Contractor proposal for Change, to reject it, or to reach another agreement with Contractor. Should the parties agree on carrying out a Change, a written Contract Change Notice must be prepared and issued under this Contract, describing the Change and its effects on the Services and any affected components of this Contract (a "Contract Change Notice").
- (b) No proposed Change must be performed until the proposed Change has been specified in a duly executed Contract Change Notice issued by the Department of Management and Budget, Procurement.
- (c) If the State requests or directs the Contractor to perform any activities that Contractor believes constitute a Change, the Contractor must notify the State that it believes the requested activities are a Change before beginning to work on the requested activities. If the Contractor fails to notify the State before beginning to work on the requested activities, then the Contractor waives any right to assert any claim for additional compensation or time for performing the requested activities. If the Contractor commences performing work outside the scope of this Contract and then ceases performing that work, the Contractor must, at the request of the State, retract any out-of-scope work that would adversely affect the Contract.

2.025 Notices

Any notice given to a party under the Contract must be deemed effective, if addressed to the party as addressed below, upon: (i) delivery, if hand delivered; (ii) receipt of a confirmed transmission by facsimile if a copy of the notice is sent by another means specified in this Section; (iii) the third Business Day after being sent by U.S. mail, postage pre-paid, return receipt requested; or (iv) the next Business Day after being sent by a nationally recognized overnight express courier with a reliable tracking system.

State:
 State of Michigan
 Procurement
 Attention:
 PO Box 30026

530 West Allegan
Lansing, Michigan 48909

Contractor:

Copy to:

Either party may change its address where notices are to be sent by giving notice according to this Section.

2.026 Binding Commitments

Representatives of Contractor must have the authority to make binding commitments on Contractor's behalf within the bounds set forth in the table. Contractor may change the representatives from time to time upon written notice.

2.027 Relationship of the Parties

The relationship between the State and Contractor is that of client and independent contractor. No agent, employee, or servant of Contractor or any of its Subcontractors must be or must be deemed to be an employee, agent or servant of the State for any reason. Contractor will be solely and entirely responsible for its acts and the acts of its agents, employees, servants and Subcontractors during the performance of the Contract.

2.028 Covenant of Good Faith

Each party must act reasonably and in good faith. Unless stated otherwise in the Contract, the parties will not unreasonably delay, condition or withhold the giving of any consent, decision or approval that is either requested or reasonably required of them in order for the other party to perform its responsibilities under the Contract.

2.029 Assignments

(a) Neither party may assign the Contract, or assign or delegate any of its duties or obligations under the Contract, to any other party (whether by operation of law or otherwise), without the prior written consent of the other party; provided, however, that the State may assign the Contract to any other State agency, department, division or department without the prior consent of Contractor and Contractor may assign the Contract to an affiliate so long as the affiliate is adequately capitalized and can provide adequate assurances that the affiliate can perform the Contract. The State may withhold consent from proposed assignments, subcontracts, or novations when the transfer of responsibility would operate to decrease the State's likelihood of receiving performance on the Contract or the State's ability to recover damages.

(b) Contractor may not, without the prior written approval of the State, assign its right to receive payments due under the Contract. If the State permits an assignment, the Contractor is not relieved of its responsibility to perform any of its contractual duties, and the requirement under the Contract that all payments must be made to one entity continues.

(c) If the Contractor intends to assign the contract or any of the Contractor's rights or duties under the Contract, the Contractor must notify the State in writing at least 30 days before the assignment. The Contractor also must provide the State with adequate

information about the assignee within a reasonable amount of time before the assignment for the State to determine whether to approve the assignment.

2.030 General Provisions

2.031 Media Releases

News releases (including promotional literature and commercial advertisements) pertaining to the RFP and Contract or project to which it relates shall not be made without prior written State approval, and then only in accordance with the explicit written instructions from the State. No results of the activities associated with the RFP and Contract are to be released without prior written approval of the State and then only to persons designated.

2.032 Contract Distribution

Procurement retains the sole right of Contract distribution to all State agencies and local units of government unless other arrangements are authorized by Procurement.

2.033 Permits

Contractor must obtain and pay any associated costs for all required governmental permits, licenses and approvals for the delivery, installation and performance of the Services. The State must pay for all costs and expenses incurred in obtaining and maintaining any necessary easements or right of way.

2.034 Website Incorporation

The State is not bound by any content on the Contractor's website, even if the Contractor's documentation specifically referenced that content and attempts to incorporate it into any other communication, unless the State has actual knowledge of the content and has expressly agreed to be bound by it in a writing that has been manually signed by an authorized representative of the State.

2.035 Future Bidding Preclusion

Contractor acknowledges that, to the extent this Contract involves the creation, research, investigation or generation of a future RFP; it may be precluded from bidding on the subsequent RFP. The State reserves the right to disqualify any bidder if the State determines that the bidder has used its position (whether as an incumbent Contractor, or as a Contractor hired to assist with the RFP development, or as a Vendor offering free assistance) to gain a competitive advantage on the RFP.

2.036 Freedom of Information

All information in any proposal submitted to the State by Contractor and this Contract is subject to the provisions of the Michigan Freedom of Information Act, 1976 Public Act No. 442, as amended, MCL 15.231, et seq (the "FOIA").

2.037 Disaster Recovery

Contractor and the State recognize that the State provides essential services in times of natural or man-made disasters. Therefore, except as so mandated by Federal disaster response requirements, Contractor personnel dedicated to providing Services/Deliverables under this Contract will provide the State with priority service for repair and work around in the event of a natural or man-made disaster.

2.038 Change of Control

Contractor will notify, at least 90 calendar days before the effective date, the State of a change in Contractor's organizational structure or ownership. For purposes of this Contract, a change in control means any of the following: (a) a sale of more than 50% of Contractor's stock; (b) a sale of substantially all of Contractor's assets; (c) a change in a majority of Contractor's board members; (d) consummation of a merger or consolidation of Contractor with any other entity; (e) a change in ownership through a transaction or series of transactions; (f) or the board (or the stockholders) approves a plan of complete liquidation. A change of control does not include any consolidation or merger effected exclusively to change the domicile of Contractor, or any transaction or series of transactions principally for bona fide equity financing purposes.

In the event of a change of control, Contractor must require the successor to assume this Contract and all of its obligations under this Contract.

2.040 Financial Provisions**2.041 Fixed Prices for Services/Deliverables**

Each Statement of Work or Purchase Order issued under this Contract shall specify (or indicate by reference to the appropriate Contract Exhibit) the firm, fixed prices for all Services/Deliverables, and the associated payment milestones and payment amounts. The State may make progress payments to the Contractor when requested as work progresses, but not more frequently than monthly, in amounts approved by the Contract Administrator, after negotiation. Contractor must show verification of measurable progress at the time of requesting progress payments.

2.042 Adjustments for Reductions in Scope of Services/Deliverables

If the scope of the Services/Deliverables under any Statement of Work issued under this Contract is subsequently reduced by the State, the parties shall negotiate an equitable reduction in Contractor's charges under such Statement of Work commensurate with the reduction in scope.

2.043 Services/Deliverables Covered

For all Services/Deliverables to be provided by Contractor (and its Subcontractors, if any) under this Contract, the State shall not be obligated to pay any amounts in addition to the charges specified in this Contract.

2.044 Invoicing and Payment – In General

- (a) Each Statement of Work issued under this Contract shall list (or indicate by reference to the appropriate Contract Exhibit) the prices for all Services/Deliverables, equipment and commodities to be provided, and the associated payment milestones and payment amounts.
- (b) Each Contractor invoice will show details as to charges by Service/Deliverable component and location at a level of detail reasonably necessary to satisfy the State's accounting and charge-back requirements. Invoices for Services performed on a time and materials basis will show, for each individual, the number of hours of Services performed during the billing period, the billable skill/labor category for such person and the applicable hourly billing rate. Prompt payment by the State is contingent on the Contractor's invoices showing the amount owed by the State minus any holdback amount to be retained by the State in accordance with **Section 1.064**.

(c) Correct invoices will be due and payable by the State, in accordance with the State's standard payment procedure as specified in 1984 Public Act No. 279, MCL 17.51 et seq., within 45 days after receipt, provided the State determines that the invoice was properly rendered.

(d) All invoices should reflect actual work done. Specific details of invoices and payments will be agreed upon between the Contract Administrator and the Contractor after the proposed Contract Agreement has been signed and accepted by both the Contractor and the Director of Procurement, Department of Management & Budget. This activity will occur only upon the specific written direction from Procurement.

The specific payment schedule for any Contract(s) entered into, as the State and the Contractor(s) will mutually agree upon. The schedule should show payment amount and should reflect actual goods delivered or work done by the payment dates, less any penalty cost charges accrued by those dates. As a general policy statements shall be forwarded to the designated representative by the 15th day of the following month.

The Government may make progress payments to the Contractor when requested as work progresses, but not more frequently than monthly, in amounts approved by the Contract Administrator, after negotiation. Contractor must show verification of measurable progress at the time of requesting progress payments.

The State has the right to withhold payment of any disputed amounts until the parties agree as to the validity of the disputed amount. The State will notify Contractor of any dispute within a reasonable time. Payment by the State will not constitute a waiver of any rights as to Contractor's continuing obligations, including claims for deficiencies or substandard Contract Activities. Contractor's acceptance of final payment by the State constitutes a waiver of all claims by Contractor against the State for payment under this Contract, other than those claims previously filed in writing on a timely basis and still disputed.

The State will only disburse payments under this Contract through Electronic Funds Transfer (EFT). Contractor must register with the State at <http://www.michigan.gov/cpexpress> to receive electronic fund transfer payments. If Contractor does not register, the State is not liable for failure to provide payment. Without prejudice to any other right or remedy it may have, the State reserves the right to set off at any time any amount then due and owing to it by Contractor against any amount payable by the State to Contractor under this Contract.

2.045 Pro-ration

To the extent there are any Services that are to be paid for on a monthly basis, the cost of such Services shall be pro-rated for any partial month.

2.046 Antitrust Assignment

The Contractor assigns to the State any claim for overcharges resulting from antitrust violations to the extent that those violations concern materials or services supplied by third parties to the Contractor, toward fulfillment of this Contract.

2.047 Final Payment

The making of final payment by the State to Contractor does not constitute a waiver by either party of any rights or other claims as to the other party's continuing obligations under the Contract, nor will it constitute a waiver of any claims by one party against the other arising from unsettled claims or failure by a party to comply with this Contract, including claims for Services and Deliverables not reasonably known until after acceptance to be defective or substandard. Contractor's acceptance of final payment by the State under this Contract shall constitute a waiver of all claims by Contractor against the State for payment under this Contract, other than those claims previously filed in writing on a timely basis and still unsettled.

2.048 Electronic Payment Requirement

Electronic transfer of funds is required for payments on State Contracts. Contractors are required to register with the State electronically at <http://www.cpexpress.state.mi.us>. As stated in Public Act 431 of 1984, all contracts that the State enters into for the purchase of goods and services shall provide that payment will be made by electronic fund transfer (EFT).

2.050 Taxes**2.051 Employment Taxes**

Contractors are expected to collect and pay all applicable federal, state, and local employment taxes, including the taxes.

2.052 Sales and Use Taxes

Contractors are required to be registered and to remit sales and use taxes on taxable sales of tangible personal property or services delivered into the State. Contractors that lack sufficient presence in Michigan to be required to register and pay tax must do so as a volunteer. This requirement extends to: (1) all members of any controlled group as defined in § 1563(a) of the Internal Revenue Code and applicable regulations of which the company is a member, and (2) all organizations under common control as defined in § 414(c) of the Internal Revenue Code and applicable regulations of which the company is a member that make sales at retail for delivery into the State are registered with the State for the collection and remittance of sales and use taxes. In applying treasury regulations defining "two or more trades or businesses under common control" the term "organization" means sole proprietorship, a partnership (as defined in § 701(a)(2) of the Internal Revenue Code), a trust, an estate, a corporation, or a limited liability company.

2.060 Contract Management**2.061 Contractor Personnel Qualifications**

All persons assigned by Contractor to the performance of Services under this Contract must be employees of Contractor or its majority-owned (directly or indirectly, at any tier) subsidiaries (or a State-approved Subcontractor) and must be fully qualified to perform the work assigned to them. Contractor must include a similar provision in any subcontract entered into with a Subcontractor. For the purposes of this Contract, independent contractors engaged by Contractor solely in a staff augmentation role must be treated by the State as if they were employees of Contractor for this Contract only; however, the State understands that the relationship between Contractor and Subcontractor is an independent contractor relationship.

2.062 Contractor Key Personnel

- (a) The Contractor must provide the Contract Compliance Inspector with the names of the Key Personnel.
- (b) Key Personnel must be dedicated as defined in the Statement of Work to the Project for its duration in the applicable Statement of Work with respect to other individuals designated as Key Personnel for that Statement of Work.
- (c) The State will have the right to recommend and approve in writing the initial assignment, as well as any proposed reassignment or replacement, of any Key Personnel. Before assigning an individual to any Key Personnel position, Contractor will notify the State of the proposed assignment, will introduce the individual to the appropriate State representatives, and will provide the State with a resume and any other information about the individual reasonably requested by the State. The State reserves the right to interview the individual before granting written approval. In the event the State finds a proposed individual unacceptable, the State will provide a written explanation including reasonable detail outlining the reasons for the rejection.
- (d) Contractor must not remove any Key Personnel from their assigned roles or the Contract without the prior written consent of the State. The Contractor's removal of Key Personnel without the prior written consent of the State is an unauthorized removal ("Unauthorized Removal"). Unauthorized Removals does not include replacing Key Personnel for reasons beyond the reasonable control of Contractor, including illness, disability, leave of absence, personal emergency circumstances, resignation or for cause termination of the Key Personnel's employment. Unauthorized Removals does not include replacing Key Personnel because of promotions or other job movements allowed by Contractor personnel policies or Collective Bargaining Agreement(s) as long as the State receives prior written notice before shadowing occurs and Contractor provides 30 days of shadowing unless parties agree to a different time period. The Contractor with the State must review any Key Personnel replacements, and appropriate transition planning will be established. Any Unauthorized Removal may be considered by the State to be a material breach of the Contract, in respect of which the State may elect to exercise its termination and cancellation rights.
- (e) The Contractor must notify the Contract Compliance Inspector and the Contract Administrator at least 10 business days before redeploying non-Key Personnel, who are dedicated to primarily to the Project, to other projects. If the State does not object to the redeployment by its scheduled date, the Contractor may then redeploy the non-Key Personnel.

2.063 Re-assignment of Personnel at the State's Request

The State reserves the right to require the removal from the Project of Contractor personnel found, in the judgment of the State, to be unacceptable. The State's request must be written with reasonable detail outlining the reasons for the removal request. Additionally, the State's request must be based on legitimate, good-faith reasons. Replacement personnel for the removed person must be fully qualified for the position. If the State exercises this right, and the Contractor cannot immediately replace the removed personnel, the State agrees to an equitable adjustment in schedule or other terms that may be affected by the State's required removal. If any incident with removed personnel results in delay not reasonably anticipatable under the circumstances and which is attributable to the State, the applicable SLA(s) for the affected Service will not be counted for a time as agreed to by the parties.

2.064 Contractor Personnel Location

All staff assigned by Contractor to work on the Contract will perform their duties either primarily at Contractor's offices and facilities or at State facilities. Without limiting the generality of the foregoing, Key Personnel will, at a minimum, spend at least the amount of time on-site at State facilities as indicated in the applicable Statement of Work. Subject to availability, selected Contractor personnel may be assigned office space to be shared with State personnel.

2.065 Contractor Identification

Contractor employees must be clearly identifiable while on State property by wearing a State-issued badge, as required. Contractor employees are required to clearly identify themselves and the company they work for whenever making contact with State personnel by telephone or other means.

2.066 Cooperation with Third Parties

Contractor agrees to cause its personnel and the personnel of any Subcontractors to cooperate with the State and its agents and other contractors including the State's Quality Assurance personnel. As reasonably requested by the State in writing, the Contractor will provide to the State's agents and other contractors reasonable access to Contractor's Project personnel, systems and facilities to the extent the access relates to activities specifically associated with this Contract and will not interfere or jeopardize the safety or operation of the systems or facilities. The State acknowledges that Contractor's time schedule for the Contract is very specific and agrees not to unnecessarily or unreasonably interfere with, delay or otherwise impeded Contractor's performance under this Contract with the requests for access.

The State must provide Contractor Standard fifteen (15) days written notice prior to the inspection of any facility and will be responsible for its own costs associated with such inspection(s). The Contractor will restrict inspection of its facilities to normal business hours, to areas that are relevant to the performance of the Agreement, and to areas which Contractor does not consider confidential or proprietary in nature. A Contractor representative must accompany Customer's employees at all times.

In no event shall Contractor be obligated to create or maintain documents or records not kept in the ordinary course of Contractor's business, nor shall Contractor be obligated to disclose any information it deems confidential or proprietary, including but not limited to cost data and employee records.

2.067 Contract Management Responsibilities

The Contractor will be required to assume responsibility for all contractual activities, whether or not that Contractor performs them. Further, the State will consider the Contractor to be the sole point of contact with regard to contractual matters, including payment of any and all charges resulting from the anticipated Contract. If any part of the work is to be subcontracted, the Contract must include a list of subcontractors, including firm name and address, contact person and a complete description of work to be subcontracted. The State reserves the right to approve subcontractors and to require the Contractor to replace subcontractors found to be unacceptable. The Contractor is totally responsible for adherence by the subcontractor to all provisions of the Contract. Any change in subcontractors must be approved by the State, in writing, prior to such change.

2.068 Contractor Return of State Equipment/Resources

The Contractor must return to the State any State-furnished equipment, facilities and other resources when no longer required for the Contract in the same condition as when provided by the State, reasonable wear and tear excepted.

2.070 Subcontracting by Contractor**2.071 Contractor full Responsibility**

Contractor shall have full responsibility for the successful performance and completion of all of the Services and Deliverables. The State will consider Contractor to be the sole point of contact with regard to all contractual matters under this Contract, including payment of any and all charges for Services and Deliverables.

2.072 State Consent to delegation

Contractor shall not delegate any duties under this Contract to a Subcontractor unless the Department of Management and Budget, Procurement has given written consent to such delegation. The State shall have the right of prior written approval of all Subcontractors and to require Contractor to replace any Subcontractors found, in the reasonable judgment of the State, to be unacceptable. The State's request shall be written with reasonable detail outlining the reasons for the removal request. Additionally, the State's request shall be based on legitimate, good-faith reasons. Replacement Subcontractor(s) for the removed Subcontractor shall be fully qualified for the position. If the State exercises this right, and the Contractor cannot immediately replace the removed Subcontractor, the State will agree to an equitable adjustment in schedule or other terms that may be affected by the State's required removal. If any such incident with a removed Subcontractor results in delay not reasonable anticipatable under the circumstances and which is attributable to the State, the applicable SLA for the affected Work will not be counted in time agreed upon by the parties.

2.073 Subcontractor bound to Contract

In any subcontracts entered into by Contractor for the performance of the Services, Contractor shall require the Subcontractor, to the extent of the Services to be performed by the Subcontractor, to be bound to Contractor by the terms of this Contract and to assume toward Contractor all of the obligations and responsibilities that Contractor, by this Contract, assumes toward the State. The State reserves the right to receive copies of and review all subcontracts, although Contractor may delete or mask any proprietary information, including pricing, contained in such contracts before providing them to the State. The management of any Subcontractor will be the responsibility of Contractor, and Contractor shall remain responsible for the performance of its Subcontractors to the same extent as if Contractor had not subcontracted such performance. Contractor shall make all payments to Subcontractors or suppliers of Contractor. Except as otherwise agreed in writing by the State and Contractor, the State will not be obligated to direct payments for the Services other than to Contractor. The State's written approval of any Subcontractor engaged by Contractor to perform any obligation under this Contract shall not relieve Contractor of any obligations or performance required under this Contract. Attached as **Exhibit A** is a list of the Subcontractors, if any, approved by the State as of the execution of this Contract, together with a copy of the applicable subcontract.

2.074 Flow Down

Except where specifically approved in writing by the State on a case-by-case basis, Contractor shall flow down the obligations in **Sections 2.031, 2.060, 2.100, 2.110, 2.120, 2.130, 2.200** in all of its agreements with any Subcontractors.

2.075 Competitive Selection

The Contractor shall select subcontractors (including suppliers) on a competitive basis to the maximum practical extent consistent with the objectives and requirements of the Contract.

2.080 State Responsibilities

2.081 Equipment

The State will provide only the equipment and resources identified in the Statements of Work and other Contract Exhibits.

2.082 Facilities

The State must designate space as long as it is available and as provided in the Statement of Work, to house the Contractor's personnel whom the parties agree will perform the Services/Deliverables at State facilities (collectively, the "State Facilities"). The Contractor must have reasonable access to, and unless agreed otherwise by the parties in writing must observe and comply with all rules and regulations relating to each of the State Facilities (including hours of operation) used by the Contractor in the course of providing the Services. Contractor agrees that it will not, without the prior written consent of the State, use any State Facilities or access any State information systems provided for the Contractor's use, or to which the Contractor otherwise gains access in the course of performing the Services, for any purpose other than providing the Services to the State.

2.090 Security

2.091 Background Checks

On a case-by-case basis, the State may investigate the Contractor's personnel before they may have access to State facilities and systems. The scope of the background check is at the discretion of the State and the results will be used to determine Contractor personnel eligibility for working within State facilities and systems. The investigations will include Michigan State Police Background checks (ICHAT) and may include the National Crime Information Center (NCIC) Finger Prints. Proposed Contractor personnel may be required to complete and submit an RI-8 Fingerprint Card for the NCIC Finger Print Check. Any request for background checks will be initiated by the State and will be reasonably related to the type of work requested. The Contractor will be responsible for all costs associated with the background checks.

Contractor, as part of its normal hiring process, routinely conducts background checks on all its new hires. Because the Contract leaves the scope of the background checks to the discretion of the State, Contractor cannot agree to submit to such background checks of its employees until such time as further information is provided for Contractor's review. In the event that Contractor and its employees agree to background checks as part of the performance of the Contract, the background checks must not be overly broad; i.e., clearly defined in

scope and in compliance with all federal, state, and local laws, must be conducted at the State's expense, and the State must provide notice and consent forms clearly indicating that the background check shall abide by the Fair Credit Reporting Act and any applicable laws.

Privacy is an important concern for Contractor and its employees who are subjected to customer-facilitated background checks. The State must have policies and procedures in place to reasonably protect the background information received. If, upon receipt of additional information regarding the proposed background checks, Contractor agrees to be subject to background checks as part of its performance of the Contract, the final contract documents must include a clear description of the policies and procedures governing the background checks, including but not limited to:

- Use of the information collected will be for the specific purpose of facilitating a background check;
- All information collected will be treated as confidential;
- The State will limit access to the information received and will properly store it in a reasonably secure manner;
- The State will promptly dispose in an appropriate manner all collected information when the purpose for which it was originally collected is no longer valid; and
- The State must assume all liability associated with the background check.

All Contractor personnel shall comply with the State's security and acceptable use policies for State IT equipment and resources. See <http://www.michigan.gov/dit>. Furthermore, Contractor personnel shall comply with the State's security and acceptable use policies before the Contractor personnel will be accepted as a resource to perform work for the State. The Contractor shall present these documents to the prospective employee before the Contractor presents the individual to the State as a proposed resource. Contractor staff shall comply with all Physical Security procedures in place within the facilities where they are working.

2.092 Security Breach Notification

If the Contractor breaches this Section, the Contractor must (i) promptly cure any deficiencies and (ii) comply with any applicable federal and state laws and regulations pertaining to unauthorized disclosures. Contractor and the State will cooperate to mitigate, to the extent practicable, the effects of any breach, intrusion, or unauthorized use or disclosure. Contractor must report to the State in writing any use or disclosure of Confidential Information, whether suspected or actual, other than as provided for by the Contract within 10 days of becoming aware of the use or disclosure or the shorter time period as is reasonable under the circumstances.

2.093 PCI Data Security Requirements

All electronic commerce applications that allow for electronic receipt of credit or debit card and electronic check transactions must be processed via the State's Centralized Electronic Payment Authorization System (CEPAS). To minimize the risk to the State, full credit/debit card numbers, sensitive authentication data, and full bank account information must never be stored on state-owned IT resources.

2.094 CEPAS Electronic Receipt Processing Standard

All electronic commerce applications that allow for electronic receipt of credit or debit card and electronic check transactions must be processed via the State's Centralized Electronic Payment Authorization System (CEPAS). To minimize the risk to the State, full credit/debit card numbers, sensitive authentication data, and full bank account information must never be stored on state-owned IT resources.

2.100 Confidentiality

2.101 Confidentiality

Contractor and the State each acknowledge that the other possesses and will continue to possess confidential information that has been developed or received by it. As used in this Section, "Confidential Information" of Contractor must mean all non-public proprietary information of Contractor (other than Confidential Information of the State as defined below) which is marked confidential, restricted, proprietary or with a similar designation. "Confidential Information" of the State must mean any information which is retained in confidence by the State (or otherwise required to be held in confidence by the State under applicable federal, state and local laws and regulations) or which, in the case of tangible materials provided to Contractor by the State under its performance under this Contract, is marked as confidential, proprietary or with a similar designation by the State. "Confidential Information" excludes any information (including this Contract) that is publicly available under the Michigan FOIA.

During the term of this Agreement, the Parties may provide each other with Confidential Information. Each Party will: maintain the confidentiality of the other Party's Confidential Information and not disclose it to any third party, except as authorized by the disclosing Party in writing or as required by a court of competent jurisdiction; restrict disclosure of the Confidential Information to its employees who have a "need to know" and not copy or reproduce the Confidential Information; take necessary and appropriate precautions to guard the confidentiality of the Confidential Information, including informing its employees who handle the Confidential Information that it is confidential and is not to be disclosed to others, but these precautions will be at least the same degree of care that the receiving Party applies to its own confidential information and will not be less than reasonable care; and use the such Confidential Information only in furtherance of the performance of this Agreement. Confidential Information is and will at all times remain the property of the disclosing Party, and no grant of any proprietary rights in the Confidential Information is given or intended, including any express or implied license, other than the limited right of the recipient to use the Confidential Information in the manner and to the extent permitted by this Agreement.

2.102 Protection and Destruction of Confidential Information

The State and Contractor will each use at least the same degree of care to prevent disclosing to third parties the Confidential Information of the other as it employs to avoid unauthorized disclosure, publication or dissemination of its own confidential information of like character, but in no event less than reasonable care. Neither Contractor nor the State will (i) make any use of the Confidential Information of the other except as contemplated by this Contract, (ii) acquire any right in or assert any lien against the Confidential Information of the other, or (iii) if requested to do so, refuse for any reason

to promptly return the other party's Confidential Information to the other party. Each party will limit disclosure of the other party's Confidential Information to employees and Subcontractors who must have access to fulfill the purposes of this Contract. Disclosure to, and use by, a Subcontractor is permissible where (A) use of a Subcontractor is authorized under this Contract, (B) the disclosure is necessary or otherwise naturally occurs in connection with work that is within the Subcontractor's scope of responsibility, and (C) Contractor obligates the Subcontractor in a written Contract to maintain the State's Confidential Information in confidence. At the State's request, any employee of Contractor and of any Subcontractor having access or continued access to the State's Confidential Information may be required to execute an acknowledgment that the employee has been advised of Contractor's and the Subcontractor's obligations under this Section and of the employee's obligation to Contractor or Subcontractor, as the case may be, to protect the Confidential Information from unauthorized use or disclosure.

Promptly upon termination or cancellation of the Contract for any reason, Contractor must certify to the State that Contractor has destroyed all State Confidential Information.

2.103 Exclusions

Notwithstanding the foregoing, the provisions of **Section 2.100** will not apply to any particular information which the State or Contractor can demonstrate (i) was, at the time of disclosure to it, in the public domain; (ii) after disclosure to it, is published or otherwise becomes part of the public domain through no fault of the receiving party; (iii) was in the possession of the receiving party at the time of disclosure to it without an obligation of confidentiality; (iv) was received after disclosure to it from a third party who had a lawful right to disclose the information to it without any obligation to restrict its further disclosure; or (v) was independently developed by the receiving party without reference to Confidential Information of the furnishing party. Further, the provisions of **Section 2.100** will not apply to any particular Confidential Information to the extent the receiving party is required by law to disclose the Confidential Information, provided that the receiving party (i) promptly provides the furnishing party with notice of the legal request, and (ii) assists the furnishing party in resisting or limiting the scope of the disclosure as reasonably requested by the furnishing party.

2.104 No Implied Rights

Nothing contained in this Section must be construed as obligating a party to disclose any particular Confidential Information to the other party, or as granting to or conferring on a party, expressly or impliedly, any right or license to the Confidential Information of the other party.

2.105 Respective Obligations

The parties' respective obligations under this Section must survive the termination or expiration of this Contract for any reason.

2.110 Records and Inspections

2.111 Inspection of Work Performed

The State's authorized representatives must at all reasonable times and with 15 days prior written request, have the right to enter Contractor's premises, or any other places, where the Services are being performed, and must have access, upon reasonable request, to interim drafts of Deliverables or work-in-progress. Upon 10 Days prior written

notice and at all reasonable times, the State's representatives must be allowed to inspect, monitor, or otherwise evaluate the work being performed and to the extent that the access will not reasonably interfere or jeopardize the safety or operation of the systems or facilities. Contractor must provide all reasonable facilities and assistance for the State's representatives.

Contractor acknowledges the State's right to inspect materials, equipment and workmanship at Contractor's manufacturing or staging facilities for the limited purpose of evaluating Contractor's performance of this Agreement. The State must provide Contractor fifteen (15) days written notice prior to the inspection of any facility and will be responsible for its own costs associated with such inspection(s). Contractor will restrict inspection of its facilities to normal business hours, to areas that are relevant to the performance of the Agreement, and to areas which Contractor does not consider confidential or proprietary in nature. A Contractor representative must accompany the State's employees at all times.

2.112 Examination of Records

For four years after the Contractor provides any work under this Contract (the "Audit Period"), the State may examine and copy any of Contractor's books, records, documents and papers pertinent to establishing Contractor's compliance with the Contract and with applicable laws and rules. The State must notify the Contractor 20 days before examining the Contractor's books and records. The State does not have the right to review any information deemed confidential by the Contractor to the extent access would require the confidential information to become publicly available. This provision also applies to the books, records, accounts, documents and papers, in print or electronic form, of any parent, affiliated or subsidiary organization of Contractor, or any Subcontractor of Contractor performing services in connection with the Contract.

In no event shall Contractor be obligated to create or maintain documents or records not kept in the ordinary course of Contractor's business, nor shall Contractor be obligated to disclose any information it deems confidential or proprietary, including but not limited to cost data and employee records.

2.113 Retention of Records

Contractor must maintain at least until the end of the Audit Period all pertinent financial and accounting records (including time sheets and payroll records, and information pertaining to the Contract and to the Services, equipment, and commodities provided under the Contract) pertaining to the Contract according to generally accepted accounting principles and other procedures specified in this Section. Financial and accounting records must be made available, upon request, to the State at any time during the Audit Period. If an audit, litigation, or other action involving Contractor's records is initiated before the end of the Audit Period, the records must be retained until all issues arising out of the audit, litigation, or other action are resolved or until the end of the Audit Period, whichever is later.

2.114 Audit Resolution

If necessary, the Contractor and the State will meet to review each audit report promptly after issuance. The Contractor will respond to each audit report in writing within 30 days from receipt of the report, unless a shorter response time is specified in the report. The

Contractor and the State must develop, agree upon and monitor an action plan to promptly address and resolve any deficiencies, concerns, and/or recommendations in the audit report.

2.115 Errors

- (a) If the audit demonstrates any errors in the documents provided to the State, then the amount in error must be reflected as a credit or debit on the next invoice and in subsequent invoices until the amount is paid or refunded in full. However, a credit or debit may not be carried for more than four invoices. If a balance remains after four invoices, then the remaining amount will be due as a payment or refund within 45 days of the last quarterly invoice that the balance appeared on or termination of the contract, whichever is earlier.
- (b) In addition to other available remedies, the difference between the payment received and the correct payment amount is greater than 10%, then the Contractor must pay all of the reasonable costs of the audit.

2.120 Warranties

2.121 Warranties and Representations

The Contractor represents and warrants:

- (a) It is capable in all respects of fulfilling and must fulfill all of its obligations under this Contract. The performance of all obligations under this Contract must be provided in a timely, professional, and workman-like manner and must meet the performance and operational standards required under this Contract.
- (b) The Contract Appendices, Attachments and Exhibits identify the equipment and software and services necessary for the Deliverable(s) to perform and Services to operate in compliance with the Contract's requirements and other standards of performance.
- (c) It is the lawful owner or licensee of any Deliverable licensed or sold to the State by Contractor or developed by Contractor under this Contract, and Contractor has all of the rights necessary to convey to the State the ownership rights or licensed use, as applicable, of any and all Deliverables.
- (d) If, under this Contract, Contractor procures any equipment, software or other Deliverable for the State (including equipment, software and other Deliverables manufactured, re-marketed or otherwise sold by Contractor under Contractor's name), then in addition to Contractor's other responsibilities with respect to the items in this Contract, Contractor must assign or otherwise transfer to the State or its designees, or afford the State the benefits of, any manufacturer's warranty for the Deliverable.
- (e) The contract signatory has the power and authority, including any necessary corporate authorizations, necessary to enter into this Contract, on behalf of Contractor.
- (f) It is qualified and registered to transact business in all locations where required.
- (g) Neither the Contractor nor any Affiliates, nor any employee of either, has, must have, or must acquire, any contractual, financial, business, or other interest, direct or

indirect, that would conflict in any manner or degree with Contractor's performance of its duties and responsibilities to the State under this Contract or otherwise create an appearance of impropriety with respect to the award or performance of this Agreement. Contractor must notify the State about the nature of the conflict or appearance of impropriety within two days of learning about it.

(h) Neither Contractor nor any Affiliates, nor any employee of either has accepted or must accept anything of value based on an understanding that the actions of the Contractor or Affiliates or employee on behalf of the State would be influenced. Contractor must not attempt to influence any State employee by the direct or indirect offer of anything of value.

(i) Neither Contractor nor any Affiliates, nor any employee of either has paid or agreed to pay any person, other than bona fide employees and consultants working solely for Contractor or the Affiliate, any fee, commission, percentage, brokerage fee, gift, or any other consideration, contingent upon or resulting from the award or making of this Contract.

(j) The prices proposed by Contractor were arrived at independently, without consultation, communication, or agreement with any other bidder for the purpose of restricting competition; the prices quoted were not knowingly disclosed by Contractor to any other bidder; and no attempt was made by Contractor to induce any other person to submit or not submit a proposal for the purpose of restricting competition.

(k) All financial statements, reports, and other information furnished by Contractor to the State as part of its response to the RFP or otherwise in connection with the award of this Contract fairly and accurately represent the business, properties, financial condition, and results of operations of Contractor as of the respective dates, or for the respective periods, covered by the financial statements, reports, other information. Since the respective dates or periods covered by the financial statements, reports, or other information, there have been no material adverse change in the business, properties, financial condition, or results of operations of Contractor.

(l) All written information furnished to the State by or for the Contractor in connection with this Contract, including its bid, is true, accurate, and complete, and contains no untrue statement of material fact or omits any material fact necessary to make the information not misleading.

(m) It is not in material default or breach of any other contract or agreement that it may have with the State or any of its departments, commissions, boards, or agencies. Contractor further represents and warrants that it has not been a party to any contract with the State or any of its departments that was terminated by the State or the department within the previous five years for the reason that Contractor failed to perform or otherwise breached an obligation of the contract.

(n) If any of the certifications, representations, or disclosures made in the Contractor's original bid response change after contract award, the Contractor is required to report those changes immediately to the Department of Management and Budget, Procurement.

2.122 Warranty of Merchantability

Goods provided by Contractor under this agreement shall be merchantable. All goods

provided under this Contract shall be of good quality within the description given by the State, shall be fit for their ordinary purpose, shall be adequately contained and packaged within the description given by the State, shall conform to the agreed upon specifications, and shall conform to the affirmations of fact made by the Contractor or on the container or label. Contractor represents and warrants that the equipment shall be fit for use for the purpose of commercial and public safety two-way radio communications.

2.123 Warranty of Fitness for a Particular Purpose

When the Contractor has reason to know or knows any particular purpose for which the goods are required, and the State is relying on the Contractor's skill or judgment to select or furnish suitable goods, there is a warranty that the goods are fit for such purpose. Contractor represents and warrants that the equipment shall be fit for use for the purpose of commercial and public safety two-way radio communications.

2.124 Warranty of Title

Contractor shall, in providing goods to the State, convey good title in those goods, whose transfer is right and lawful. All goods provided by Contractor shall be delivered free from any security interest, lien, or encumbrance of which the State, at the time of contracting, has no knowledge. Goods provided by Contractor, under this Contract, shall be delivered free of any rightful claim of any third person by of infringement or the like.

2.125 Equipment Warranty

See Article 1, Section 1.022 (A.4)

2.126 Equipment to be New

If applicable, all equipment provided under this Contract by Contractor shall be new where Contractor has knowledge regarding whether the equipment is new or assembled from new or serviceable used parts that are like new in performance or has the option of selecting one or the other. Equipment that is assembled from new or serviceable used parts that are like new in performance is acceptable where Contractor does not have knowledge or the ability to select one or other, unless specifically agreed otherwise in writing by the State. Manufacturer warranty shall be passed on to the State. Warranty period shall be no less than one (1) year.

2.127 Prohibited Products

The State will not accept salvage, distressed, outdated or discontinued merchandise. Shipping of such merchandise to any State agency, as a result of an order placed against the Contract, shall be considered default by the Contractor of the terms and conditions of the Contract and may result in cancellation of the Contract by the State. The brand and product number offered for all items shall remain consistent for the term of the Contract, unless Procurement has approved a change order pursuant to **Section 2.024**.

2.128 Consequences For Breach

In addition to any remedies available in law, if the Contractor breaches any of the warranties contained in this section, the breach may be considered as a default in the performance of a material obligation of this Contract.

2.130 Insurance**2.131 LIABILITY INSURANCE**

Contractor must maintain the insurances identified below and is responsible for all deductibles. All required insurance must: (a) protect the State from claims that may arise out of, are alleged to arise out of, or result from Contractor's or a subcontractor's performance; (b) be primary and non-contributing to any comparable liability insurance (including self-insurance) carried by the State; and (c) be provided by an company with an A.M. Best rating of "A" or better and a financial size of VII or better.

Insurance Type	Additional Requirements
Commercial General Liability Insurance	
<u>Minimal Limits:</u> \$1,000,000 Each Occurrence Limit \$1,000,000 Personal & Advertising Injury Limit \$2,000,000 General Aggregate Limit \$2,000,000 Products/Completed Operations <u>Deductible Maximum:</u> \$50,000 Each Occurrence	Contractor must have their policy endorsed to add "the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents" as additional insureds using endorsement CG 20 10 11 85, or both CG 2010 07 04 and CG 2037 07 0. Coverage must not have exclusions or limitations related to sexual abuse and molestation liability.
Umbrella or Excess Liability Insurance	
<u>Minimal Limits:</u> \$5,000,000 General Aggregate	Contractor must have their policy endorsed to add "the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents" as additional insureds.
Automobile Liability Insurance	
<u>Minimal Limits:</u> \$1,000,000 Per Occurrence	
Workers' Compensation Insurance	
<u>Minimal Limits:</u> Coverage according to applicable laws governing work activities.	Waiver of subrogation, except where waiver is prohibited by law.
Employers Liability Insurance	
<u>Minimal Limits:</u> \$500,000 Each Accident \$500,000 Each Employee by Disease \$500,000 Aggregate Disease.	
Privacy and Security Liability (Cyber Liability) Insurance	
<u>Minimal Limits:</u> \$1,000,000 Each Occurrence \$1,000,000 Annual Aggregate	Contractor must have their policy: (1) endorsed to add "the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents" as additional insureds; and (2) cover information security and privacy liability, privacy notification costs, regulatory defense

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and penalties, and website media content
liability.

Hired and Non-Owned Motor Vehicle Insurance	
Minimal Limits: \$1,000,000 Per Accident	Contractor must have their policy endorsed to add "the State of Michigan, its departments, divisions, agencies, offices, commissions, officers, employees, and agents" as additional insureds.

If any of the required policies provide claim-made coverage, the Contractor must: (a) provide coverage with a retroactive date before the effective date of the contract or the beginning of Contract Activities; (b) maintain coverage and provide evidence of coverage for at least three (3) years after completion of the Contract Activities; and (c) if coverage is canceled or not renewed, and not replaced with another claims-made policy form with a retroactive date prior to the contract effective date, Contractor must purchase extended reporting coverage for a minimum of three (3) years after completion of work.

Contractor must: (a) provide insurance certificates to the Contract Administrator, containing the agreement or purchase order number, at Contract formation and within 20 calendar days of the expiration date of the applicable policies; (b) require that subcontractors maintain the required insurances contained in this Section; (c) notify the Contract Administrator within 5 business days if any insurance is cancelled; and (d) waive all rights against the State for damages covered by insurance. Failure to maintain the required insurance does not limit this waiver.

This Section is not intended to and is not be construed in any manner as waiving, restricting or limiting the liability of either party for any obligations under this Contract (including any provisions hereof requiring Contractor to indemnify, defend and hold harmless the State).

2.140 Indemnification

2.141 General Indemnification

To the extent permitted by law, the Contractor must indemnify, defend and hold harmless the State from liability, including all claims and losses, and all related costs and expenses (including reasonable attorneys' fees and costs of investigation, litigation, settlement, judgments, interest and penalties), accruing or resulting to any person, firm or corporation that may be injured or damaged by the Contractor in the performance of this Contract and that are attributable to the negligence or tortious acts of the Contractor or any of its subcontractors, or by anyone else for whose acts any of them may be liable.

2.142 RESERVED - Code Indemnification

2.143 Employee Indemnification

In any claims against the State of Michigan, its departments, divisions, agencies, sections, commissions, officers, employees and agents, by any employee of the Contractor or any of its subcontractors, the indemnification obligation under the Contract must not be limited in any way by the amount or type of damages, compensation or benefits payable by or for the Contractor or any of its subcontractors under worker's disability compensation acts, disability benefit acts or other employee benefit acts. This indemnification clause is intended to be comprehensive. Any overlap in provisions, or

the fact that greater specificity is provided as to some categories of risk, is not intended to limit the scope of indemnification under any other provisions.

2.144 Patent/Copyright Infringement Indemnification

To the extent permitted by law, the Contractor must indemnify, defend and hold harmless the State from and against all losses, liabilities, damages (including taxes), and all related costs and expenses (including reasonable attorneys' fees and costs of investigation, litigation, settlement, judgments, interest and penalties) incurred in connection with any action or proceeding threatened or brought against the State to the extent that the action or proceeding is based on a claim that any piece of equipment, software, commodity or service manufactured by the Contractor, or the operation of the equipment, software, commodity or service, or the use or reproduction of any documentation provided with the equipment, software, commodity or service infringes any United States patent, copyright, or trademark of any person or entity, which is enforceable under the laws of the United States.

In addition, should the equipment, software, commodity, or service, or its operation, become or in the State's or Contractor's opinion be likely to become the subject of a claim of infringement, the Contractor must at the Contractor's sole expense (i) procure for the State the right to continue using the equipment, software, commodity or service or, if the option is not reasonably available to the Contractor, (ii) replace or modify to the State's satisfaction the same with equipment, software, commodity or service of equivalent function and performance so that it becomes non-infringing, or, if the option is not reasonably available to Contractor, (iii) accept its return by the State with appropriate credits to the State against the Contractor's charges and reimburse the State for any losses or costs incurred as a consequence of the State ceasing its use and returning it.

Notwithstanding the foregoing, the Contractor has no obligation to indemnify or defend the State for, or to pay any costs, damages or attorneys' fees related to, any claim based upon (i) equipment developed based on written specifications of the State; (ii) use of the equipment in a configuration other than implemented or approved in writing by the Contractor, including, but not limited to, any modification of the equipment by the State; or (iii) the combination, operation, or use of the equipment with equipment or software not supplied by the Contractor under this Contract.

2.145 Continuation of Indemnification Obligations

The Contractor's duty to indemnify under this Section continues in full force and effect, notwithstanding the expiration or early cancellation of the Contract, with respect to any claims based on facts or conditions that occurred before expiration or cancellation.

2.146 Indemnification Procedures

The procedures set forth below must apply to all indemnity obligations under this Contract.

After receipt by the State of notice of the action or proceeding involving a claim in respect of which it will seek indemnification, the State shall promptly notify Contractor of such claim in writing and take or assist Contractor in taking, as the case may be, any reasonable action to avoid the imposition of a default judgment against Contractor. No failure to notify Contractor shall relieve Contractor of its indemnification obligations except to the extent that Contractor can demonstrate damages attributable to such failure. Within ten (10) days following receipt of written notice from the State relating to

any claim, Contractor shall notify the State in writing whether Contractor agrees to assume control of the defense and settlement of that claim (a "Notice of Election"). After notifying Contractor of a claim and prior to the State receiving Contractor's Notice of Election, the State shall be entitled to defend against the claim, at Contractor's expense, and Contractor will be responsible for any reasonable costs incurred by the State in defending against the claim during such period.

2.150 Termination/Cancellation

2.151 Notice and Right to Cure

If the Contractor breaches the contract, and the State in its sole discretion determines that the breach is curable, then the State will provide the Contractor with written notice of the breach and a time period (not less than 30 days) to cure the Breach. The notice of breach and opportunity to cure is inapplicable for successive or repeated breaches or if the State determines in its sole discretion that the breach poses a serious and imminent threat to the health or safety of any person or the imminent loss, damage, or destruction of any real or tangible personal property.

2.152 Termination for Cause

(a) The State may terminate this contract, for cause, by notifying the Contractor in writing, if the Contractor (i) breaches any of its material duties or obligations under this Contract (including a Chronic Failure to meet any particular SLA), or (ii) fails to cure a breach within the time period specified in the written notice of breach provided by the State

(b) If this Contract is terminated for cause, the Contractor must pay all costs incurred by the State in terminating this Contract, including but not limited to, State administrative costs, reasonable attorneys' fees and court costs, and any reasonable additional costs the State may incur to procure the Services/Deliverables required by this Contract from other sources. Re-procurement costs are not consequential, indirect or incidental damages, and cannot be excluded by any other terms otherwise included in this Contract, provided the costs are not in excess of 50% more than the prices for the Service/Deliverables provided under this Contract.

(c) If the State chooses to partially terminate this Contract for cause, charges payable under this Contract will be equitably adjusted to reflect those Services/Deliverables that are terminated and the State must pay for all Services/Deliverables for which Final Acceptance has been granted provided up to the termination date. Services and related provisions of this Contract that are terminated for cause must cease on the effective date of the termination.

(d) If the State terminates this Contract for cause under this Section, and it is determined, for any reason, that Contractor was not in breach of contract under the provisions of this section, that termination for cause must be deemed to have been a termination for convenience, effective as of the same date, and the rights and obligations of the parties must be limited to that otherwise provided in this Contract for a termination for convenience.

2.153 Termination for Convenience

The State may terminate this Contract for its convenience, in whole or part, if the State determines that a termination is in the State's best interest. Reasons for the termination

must be left to the sole discretion of the State and may include, but not necessarily be limited to (a) the State no longer needs the Services or products specified in the Contract, (b) relocation of office, program changes, changes in laws, rules, or regulations make implementation of the Services no longer practical or feasible, (c) unacceptable prices for Additional Services or New Work requested by the State, or (d) falsification or misrepresentation, by inclusion or non-inclusion, of information material to a response to any RFP issued by the State. The State may terminate this Contract for its convenience, in whole or in part, by giving Contractor written notice at least 30 days before the date of termination. If the State chooses to terminate this Contract in part, the charges payable under this Contract must be equitably adjusted to reflect those Services/Deliverables that are terminated. Services and related provisions of this Contract that are terminated for cause must cease on the effective date of the termination.

2.154 Termination for Non-Appropriation

(a) Contractor acknowledges that, if this Contract extends for several fiscal years, continuation of this Contract is subject to appropriation or availability of funds for this Contract. If funds to enable the State to effect continued payment under this Contract are not appropriated or otherwise made available, the State must terminate this Contract and all affected Statements of Work, in whole or in part, at the end of the last period for which funds have been appropriated or otherwise made available by giving written notice of termination to Contractor. The State must give Contractor at least 30 days advance written notice of termination for non-appropriation or unavailability (or the time as is available if the State receives notice of the final decision less than 30 days before the funding cutoff).

(b) If funding for the Contract is reduced by law, or funds to pay Contractor for the agreed-to level of the Services or production of Deliverables to be provided by Contractor are not appropriated or otherwise unavailable, the State may, upon 30 days written notice to Contractor, reduce the level of the Services or the change the production of Deliverables in the manner and for the periods of time as the State may elect. The charges payable under this Contract will be equitably adjusted to reflect any equipment, services or commodities not provided by reason of the reduction.

(c) If the State terminates this Contract, eliminates certain Deliverables, or reduces the level of Services to be provided by Contractor under this Section, the State must pay Contractor for all Work-in-Process performed through the effective date of the termination or reduction in level, as the case may be and as determined by the State, to the extent funds are available. This Section will not preclude Contractor from reducing or stopping Services/Deliverables or raising against the State in a court of competent jurisdiction, any claim for a shortfall in payment for Services performed or Deliverables finally accepted before the effective date of termination.

2.155 Termination for Criminal Conviction

The State may terminate this Contract immediately and without further liability or penalty in the event Contractor, an officer of Contractor, or an owner of a 25% or greater share of Contractor is convicted of a criminal offense related to a State, public or private Contract or subcontract.

2.156 Termination for Approvals Rescinded

The State may terminate this Contract if any final administrative or judicial decision or adjudication disapproves a previously approved request for purchase of personal services under Constitution 1963, Article 11, § 5, and Civil Service Rule 7-1. In that case, the State will pay the Contractor for only the work completed to that point under the Contract. Termination may be in whole or in part and may be immediate as of the date of the written notice to Contractor or may be effective as of the date stated in the written notice.

2.157 Rights and Obligations upon Termination

- (a) If the State terminates this Contract for any reason, the Contractor must (a) stop all work as specified in the notice of termination, (b) take any action that may be necessary, or that the State may direct, for preservation and protection of Deliverables or other property derived or resulting from this Contract that may be in Contractor's possession, (c) return all materials and property provided directly or indirectly to Contractor by any entity, agent or employee of the State, (d) transfer title in, and deliver to, the State, unless otherwise directed, all Deliverables intended to be transferred to the State at the termination of the Contract and which are resulting from the Contract (which must be provided to the State on an "As-Is" basis except to the extent the amounts paid by the State in respect of the items included compensation to Contractor for the provision of warranty services in respect of the materials), and (e) take any action to mitigate and limit any potential damages, or requests for Contractor adjustment or termination settlement costs, to the maximum practical extent, including terminating or limiting as otherwise applicable those subcontracts and outstanding orders for material and supplies resulting from the terminated Contract.
- (b) If the State terminates this Contract before its expiration for its own convenience, the State must pay Contractor for all charges due for Services provided before the date of termination and, if applicable, as a separate item of payment under this Contract, for Work In Process, on a percentage of completion basis at the level of completion determined by the State. All completed or partially completed Deliverables prepared by Contractor under this Contract, at the option of the State, becomes the State's property, and Contractor is entitled to receive equitable fair compensation for the Deliverables. Regardless of the basis for the termination, the State is not obligated to pay, or otherwise compensate, Contractor for any lost expected future profits, costs or expenses incurred with respect to Services not actually performed for the State.
- (c) Upon a good faith termination, the State may assume, at its option, any subcontracts and agreements for services and deliverables provided under this Contract, and may further pursue completion of the Services/Deliverables under this Contract by replacement contract or otherwise as the State may in its sole judgment deem expedient.

2.158 Reservation of Rights

Any termination of this Contract or any Statement of Work issued under it by a party must be with full reservation of, and without prejudice to, any rights or remedies otherwise available to the party with respect to any claims arising before or as a result of the termination.

2.160 Termination by Contractor

2.161 Termination by Contractor

If the State breaches the Contract, and the Contractor in its sole discretion determines that the breach is curable, then the Contractor will provide the State with written notice of the breach and a time period (not less than 30 days) to cure the breach. The Notice of Breach and opportunity to cure is inapplicable for successive and repeated breaches.

The Contractor may terminate this Contract if the State (i) materially breaches its obligation to pay the Contractor undisputed amounts due and owing under this Contract, (ii) breaches its other obligations under this Contract to an extent that makes it impossible or commercially impractical for the Contractor to perform the Services, or (iii) does not cure the breach within the time period specified in a written notice of breach. But the Contractor must discharge its obligations under **Section 2.160** before it terminates the Contract.

2.170 Transition Responsibilities

2.171 Contractor Transition Responsibilities

If the State terminates this contract, for convenience or cause, or if the Contract is otherwise dissolved, voided, rescinded, nullified, expires or rendered unenforceable, the Contractor agrees to comply with direction provided by the State to assist in the orderly transition of equipment, services, software, leases, etc. to the State or a third party designated by the State. If this Contract expires or terminates, the Contractor agrees to make all reasonable efforts to effect an orderly transition of services within a reasonable period of time that in no event will exceed 60 days. These efforts must include, but are not limited to, those listed in **Sections 2.141, 2.142, 2.143, 2.144, and 2.145.**

2.172 Contractor Personnel Transition

The Contractor must work with the State, or a specified third party, to develop a transition plan setting forth the specific tasks and schedule to be accomplished by the parties, to effect an orderly transition. The Contractor must allow as many personnel as practicable to remain on the job to help the State, or a specified third party, maintain the continuity and consistency of the services required by this Contract. In addition, during or following the transition period, in the event the State requires the Services of the Contractor's subcontractors or vendors, as necessary to meet its needs, Contractor agrees to reasonably, and with good-faith, work with the State to use the Services of Contractor's subcontractors or vendors. Contractor will notify all of Contractor's subcontractors of procedures to be followed during transition.

2.173 Contractor Information Transition

The Contractor agrees to provide reasonable detailed specifications for all Services/Deliverables needed by the State, or specified third party, to properly provide the Services/Deliverables required under this Contract. The Contractor will provide the State with asset management data generated from the inception of this Contract through the date on which this Contractor is terminated in a comma-delineated format unless otherwise requested by the State. The Contractor will deliver to the State any remaining owed reports and documentation still in Contractor's possession subject to appropriate payment by the State.

2.174 Contractor Software Transition

The Contractor must reasonably assist the State in the acquisition of any Contractor software required to perform the Services/use the Deliverables under this Contract. This must include any documentation being used by the Contractor to perform the Services under this Contract. If the State transfers any software licenses to the Contractor, those licenses must, upon expiration of the Contract, transfer back to the State at their current revision level. Upon notification by the State, Contractor may be required to freeze all non-critical changes to Deliverables/Services.

Any Contractor Software, including subsequent releases, is licensed to Customer solely in accordance with the Software License Agreement (Attachment B). Customer hereby accepts and agrees to abide by all of the terms and restrictions of the Software License Agreement.

The State will not transfer the Software or Documentation to any third party without Contractor Standard's prior written consent. Contractor Standard's consent may be withheld at its discretion and may be conditioned upon transferee paying all applicable license fees and agreeing to be bound by this Agreement. If the Designated Products are Contractor Standard's radio products and the State transfers ownership of the Contractor Standard radio products to a third party, the State may assign its right to use the Software which is embedded in or furnished for use with the radio products and the related Documentation; provided that the State transfers all copies of the Software and Documentation to the transferee, and the State and the transferee sign a transfer form to be provided by Contractor Standard upon request, obligating the transferee to be bound by this Agreement.

2.175 Transition Payments

If the transition results from a termination for any reason, reimbursement must be governed by the termination provisions of this Contract. If the transition results from expiration, the Contractor will be reimbursed for all reasonable transition costs (i.e. costs incurred within the agreed period after contract expiration that result from transition operations) at the rates agreed upon by the State. The Contractor will prepare an accurate accounting from which the State and Contractor may reconcile all outstanding accounts.

2.176 State Transition Responsibilities

In the event that this Contract is terminated, dissolved, voided, rescinded, nullified, or otherwise rendered unenforceable, the State agrees to perform the following obligations, and any others upon which the State and the Contractor agree:

- (a) Reconciling all accounts between the State and the Contractor;
- (b) Completing any pending post-project reviews.

2.180 Stop Work

2.181 Stop Work Orders

The State may, at any time, by written stop work order to Contractor, require that Contractor stop all, or any part, of the work called for by the Contract for a period of up to 90 calendar days after the stop work order is delivered to Contractor, and for any further period to which the parties may agree. The stop work order must be identified as a stop work order and must indicate that it is issued under this **Section 2.150**. Upon receipt of

the stop work order, Contractor must immediately comply with its terms and take all reasonable steps to minimize incurring costs allocable to the work covered by the stop work order during the period of work stoppage. Within the period of the stop work order, the State must either: (a) cancel the stop work order; or (b) terminate the work covered by the stop work order as provided in **Section 2.130**.

2.182 Cancellation or Expiration of Stop Work Order

The Contractor must resume work if the State cancels a Stop Work Order or if it expires. The parties will agree upon an equitable adjustment in the delivery schedule, the Contract price, or both, and the Contract must be modified, in writing, accordingly, if: (a) the stop work order results in an increase in the time required for, or in Contractor's costs properly allocable to, the performance of any part of the Contract; and (b) Contractor asserts its right to an equitable adjustment within 30 calendar days after the end of the period of work stoppage; provided that, if the State decides the facts justify the action, the State may receive and act upon a Contractor proposal submitted at any time before final payment under the Contract. Any adjustment will conform to the requirements of **Section 2.024**.

2.183 Allowance of Contractor Costs

If the stop work order is not canceled and the work covered by the stop work order is terminated for reasons other than material breach, the termination must be deemed to be a termination for convenience under **Section 2.130**, and the State will pay reasonable costs resulting from the stop work order in arriving at the termination settlement. For the avoidance of doubt, the State is not be liable to Contractor for loss of profits because of a stop work order issued under this **Section 2.150**.

2.190 Dispute Resolution

2.191 In General

Any claim, counterclaim, or dispute between the State and Contractor arising out of or relating to the Contract or any Statement of Work must be resolved as follows. For all Contractor claims seeking an increase in the amounts payable to Contractor under the Contract, or the time for Contractor's performance, Contractor must submit a letter, together with all data supporting the claims, executed by Contractor's Contract Administrator or the Contract Administrator's designee certifying that (a) the claim is made in good faith, (b) the amount claimed accurately reflects the adjustments in the amounts payable to Contractor or the time for Contractor's performance for which Contractor believes the State is liable and covers all costs of every type to which Contractor is entitled from the occurrence of the claimed event, and (c) the claim and the supporting data are current and complete to Contractor's best knowledge and belief.

2.192 Informal Dispute Resolution

- (a) All disputes between the parties must be resolved under the Contract Management procedures in this Contract. If the parties are unable to resolve any disputes after compliance with the processes, the parties must meet with the Director of Procurement, DMB, or designee, for the purpose of attempting to resolve the dispute without the need for formal legal proceedings, as follows:
 - (i) The representatives of Contractor and the State must meet as often as the parties reasonably deem necessary to gather and furnish to each other all information with respect to the matter in issue which the parties believe to be appropriate and germane in connection with its resolution. The representatives must discuss the problem and negotiate in good faith in an effort to resolve the dispute without the necessity of any formal proceeding.
 - (ii) During the course of negotiations, all reasonable requests made by one party to another for non-privileged information reasonably related to the Contract will be honored in order that each of the parties may be fully advised of the other's position.
 - (iii) The specific format for the discussions will be left to the discretion of the designated State and Contractor representatives, but may include the preparation of agreed upon statements of fact or written statements of position.
 - (iv) Following the completion of this process within 60 calendar days, the Director of Procurement, DMB, or designee, must issue a written opinion regarding the issue(s) in dispute within 30 calendar days. The opinion regarding the dispute must be considered the State's final action and the exhaustion of administrative remedies.
- (b) This Section will not be construed to prevent either party from instituting, and a party is authorized to institute, formal proceedings earlier to avoid the expiration of any applicable limitations period, to preserve a superior position with respect to other creditors, or under **Section 2.193**.
- (c) The State will not mediate disputes between the Contractor and any other entity, except state agencies, concerning responsibility for performance of work under the Contract.

2.193 Injunctive Relief

The only circumstance in which disputes between the State and Contractor will not be subject to the provisions of **Section 2.192** is where a party makes a good faith determination that a breach of the terms of the Contract by the other party is the that the

damages to the party resulting from the breach will be so immediate, so large or severe and so incapable of adequate redress after the fact that a temporary restraining order or other immediate injunctive relief is the only adequate remedy.

2.194 Continued Performance

Each party agrees to continue performing its obligations under the Contract while a dispute is being resolved except to the extent the issue in dispute precludes performance (dispute over payment must not be deemed to preclude performance) and without limiting either party's right to terminate the Contract as provided in **Section 2.150**, as the case may be.

2.200 Federal and State Contract Requirements

2.201 Nondiscrimination

In the performance of the Contract, Contractor agrees not to discriminate against any employee or applicant for employment, with respect to his or her hire, tenure, terms, conditions or privileges of employment, or any matter directly or indirectly related to employment, because of race, color, religion, national origin, ancestry, age, sex, height, weight, marital status, physical or mental disability. Contractor further agrees that every subcontract entered into for the performance of this Contract or any purchase order resulting from this Contract will contain a provision requiring non-discrimination in employment, as specified here, binding upon each Subcontractor. This covenant is required under the Elliot Larsen Civil Rights Act, 1976 PA 453, MCL 37.2101, et seq., and the Persons with Disabilities Civil Rights Act, 1976 PA 220, MCL 37.1101, et seq., and any breach of this provision may be regarded as a material breach of the Contract.

2.202 Unfair Labor Practices

Under 1980 PA 278, MCL 423.321, et seq., the State must not award a Contract or subcontract to an employer whose name appears in the current register of employers failing to correct an unfair labor practice compiled under section 2 of the Act. This information is compiled by the United States National Labor Relations Board. A Contractor of the State, in relation to the Contract, must not enter into a contract with a Subcontractor, manufacturer, or supplier whose name appears in this register. Under section 4 of 1980 PA 278, MCL 423.324, the State may void any Contract if, after award of the Contract, the name of Contractor as an employer or the name of the Subcontractor, manufacturer or supplier of Contractor appears in the register.

2.203 Workplace Safety and Discriminatory Harassment

In performing Services for the State, the Contractor must comply with the Department of Civil Services Rule 2-20 regarding Workplace Safety and Rule 1-8.3 regarding Discriminatory Harassment. In addition, the Contractor must comply with Civil Service regulations and any applicable agency rules provided to the Contractor. For Civil Service Rules, see <http://www.mi.gov/mdcs/0,1607,7-147-6877---,00.html>.

2.210 Governing Law

2.211 Governing Law

The Contract must in all respects be governed by, and construed according to, the substantive laws of the State of Michigan without regard to any Michigan choice of law

rules that would apply the substantive law of any other jurisdiction to the extent not inconsistent with, or pre-empted by federal law.

2.212 Compliance with Laws

Contractor shall comply with all applicable state, federal and local laws and ordinances in providing the Services/Deliverables.

2.213 Jurisdiction

Any dispute arising from the Contract must be resolved in the State of Michigan. With respect to any claim between the parties, Contractor consents to venue in Ingham County, Michigan, and irrevocably waives any objections it may have to the jurisdiction on the grounds of lack of personal jurisdiction of the court or the laying of venue of the court or on the basis of forum non conveniens or otherwise. Contractor agrees to appoint agents in the State of Michigan to receive service of process. Contractor's registered agent for service in the State of Michigan shall be as follows:

Contractor Standard USA, Inc.
C/O Motorola, Inc.
The Corporation Company
30600 Telegraph Road, Suite 2345
Bingham Farms, MI 48025

2.220 Limitation of Liability

2.221 Limitation of Liability

Neither the Contractor nor the State is liable to each other, regardless of the form of action, for consequential, incidental, indirect, or special damages. This limitation of liability does not apply to claims for infringement of United States patent, copyright, or trademark; to claims for personal injury or damage to property caused by the gross negligence or willful misconduct of the Contractor; to claims covered by other specific provisions of this Contract calling for liquidated damages; or to court costs or attorney's fees awarded by a court in addition to damages after litigation based on this Contract.

2.230 Disclosure Responsibilities

2.231 Disclosure of Litigation

(a) Disclosure. Contractor must disclose any material criminal litigation, investigations or proceedings involving the Contractor (and each Subcontractor) or any of its officers or directors or any litigation, investigations or proceedings under the Sarbanes-Oxley Act. In addition, each Contractor (and each Subcontractor) must notify the State of any material civil litigation, arbitration or proceeding which arises during the term of the Contract and extensions, to which Contractor (or, to the extent Contractor is aware, any Subcontractor) is a party, and which involves: (i) disputes that might reasonably be expected to adversely affect the viability or financial stability of Contractor or any Subcontractor; or (ii) a claim or written allegation of fraud against Contractor or, to the extent Contractor is aware, any Subcontractor by a governmental or public entity arising out of their business dealings with governmental or public entities. The Contractor must disclose in writing to the Contract Administrator any litigation, investigation, arbitration or other proceeding (collectively, "Proceeding") within 30 days of its occurrence. Details of settlements which are prevented from disclosure by the terms of the settlement may be annotated. Information provided to the State from Contractor's publicly filed documents referencing its material litigation will be deemed to satisfy the requirements of this Section.

(b) Assurances. If any Proceeding disclosed to the State under this Section, or of which the State otherwise becomes aware, during the term of this Contract would cause a reasonable party to be concerned about:

- (i) the ability of Contractor (or a Subcontractor) to continue to perform this Contract according to its terms and conditions, or
- (ii) whether Contractor (or a Subcontractor) in performing Services for the State is engaged in conduct which is similar in nature to conduct alleged in the Proceeding, which conduct would constitute a breach of this Contract or a violation of Michigan law, regulations or public policy, then the Contractor must provide the State all reasonable assurances requested by the State to demonstrate that:

- (a) Contractor and its Subcontractors will be able to continue to perform this Contract and any Statements of Work according to its terms and conditions, and
- (b) Contractor and its Subcontractors have not and will not engage in conduct in performing the Services which is similar in nature to the conduct alleged in the Proceeding.

- (c) Contractor must make the following notifications in writing:
 - (1) Within 30 days of Contractor becoming aware that a change in its ownership or officers has occurred, or is certain to occur, or a change that could result in changes in the valuation of its capitalized assets in the accounting records, Contractor must notify DMB Purch-Ops.
 - (2) Contractor must also notify DMB Purch-Ops within 30 days whenever changes to asset valuations or any other cost changes have occurred or are certain to occur as a result of a change in ownership or officers.
 - (3) Contractor must also notify DMB Purch-Ops within 30 days whenever changes to company affiliations occur.

2.232 Call Center Disclosure

Contractor and/or all subcontractors involved in the performance of this Contract providing call or contact center services to the State must disclose the location of its call or contact center services to inbound callers. Failure to disclose this information is a material breach of this Contract. Contractor's disclosure that the call center operations utilized for performance of work under this Contract shall be located within the United States shall satisfy the disclosure requirement set forth herein.

2.233 Bankruptcy

The State may, without prejudice to any other right or remedy, terminate this Contract, in whole or in part, and, at its option, may take possession of the "Work in Process" and finish the Works in Process by whatever appropriate method the State may deem expedient if:

- (a) the Contractor files for protection under the bankruptcy laws;
- (b) an involuntary petition is filed against the Contractor and not removed within 30 days;
- (c) the Contractor becomes insolvent or if a receiver is appointed due to the Contractor's insolvency;
- (d) the Contractor makes a general assignment for the benefit of creditors; or

(e) the Contractor or its affiliates are unable to provide reasonable assurances that the Contractor or its affiliates can deliver the services under this Contract.

Contractor will fix appropriate notices or labels on the Work in Process to indicate ownership by the State. To the extent reasonably possible, materials and Work in Process must be stored separately from other stock and marked conspicuously with labels indicating ownership by the State.

2.240 Performance

2.241 Time of Performance

(a) Contractor must use commercially reasonable efforts to provide the resources necessary to complete all Services and Deliverables according to the time schedules contained in the Statements of Work and other Exhibits governing the work, and with professional quality.

(b) Without limiting the generality of **Section 2.211(a)**, Contractor must notify the State in a timely manner upon becoming aware of any circumstances that may reasonably be expected to jeopardize the timely and successful completion of any Deliverables/Services on the scheduled due dates in the latest State-approved delivery schedule and must inform the State of the projected actual delivery date.

(c) If the Contractor believes that a delay in performance by the State has caused or will cause the Contractor to be unable to perform its obligations according to specified Contract time periods, the Contractor must notify the State in a timely manner and must use commercially reasonable efforts to perform its obligations according to the Contract time periods notwithstanding the State's failure. Contractor will not be in default for a delay in performance to the extent the delay is caused by the State.

2.242 Service Level Agreements (SLA(s))

(a) SLA(s) will be completed with the following operational considerations:

(i) SLA(s) will not be calculated for individual Incidents where any event of Excusable Failure has been determined; Incident means any interruption in Services.

(ii) SLA(s) will not be calculated for individual Incidents where loss of service is planned and where the State has received prior notification or coordination.

(iii) SLA(s) will not apply if the applicable Incident could have been prevented through planning proposed by Contractor and not implemented at the request of the State. To invoke this consideration, complete documentation relevant to the denied planning proposal must be presented to substantiate the proposal.

(iv) Time period measurements will be based on the time Incidents are received by the Contractor and the time that the State receives notification of resolution based on 24x7x365 time period, except that the time period measurement will be suspended based on the following:

1. Time period(s) will not apply where Contractor does not have access to a physical State Location and where access to the State Location is necessary for problem identification and resolution.

2. Time period(s) will not apply where Contractor needs to obtain timely and accurate information or appropriate feedback and is unable to obtain timely and accurate information or appropriate feedback from the State.

- (b) Chronic Failure for any Service(s) will be defined as three unscheduled outage(s) or interruption(s) on any individual Service for the same reason or cause or if the same reason or cause was reasonably discoverable in the first instance over a rolling 30 day period. Chronic Failure will result in the State's option to terminate the effected individual Service(s) and procure them from a different vendor for the chronic location(s) with Contractor to pay the difference in charges for up to three additional months. The termination of the Service will not affect any tiered pricing levels.
- (c) Root Cause Analysis will be performed on any Business Critical outage(s) or outage(s) on Services when requested by the Contract Administrator. Contractor will provide its analysis within two weeks of outage(s) and provide a recommendation for resolution.
- (d) All decimals must be rounded to two decimal places with five and greater rounding up and four and less rounding down unless otherwise specified.

2.243 RESERVED - Liquidated Damages

2.244 Excusable Failure

Neither party will be liable for any default, damage or delay in the performance of its obligations under the Contract to the extent the default, damage or delay is caused by government regulations or requirements (executive, legislative, judicial, military or otherwise), power failure, electrical surges or current fluctuations, lightning, earthquake, war, water or other forces of nature or acts of God, delays or failures of transportation, equipment shortages, suppliers' failures, or acts or omissions of common carriers, fire; riots, civil disorders; strikes or other labor disputes, embargoes; injunctions (provided the injunction was not issued as a result of any fault or negligence of the party seeking to have its default or delay excused); or any other cause beyond the reasonable control of a party; provided the non-performing party and its Subcontractors are without fault in causing the default or delay, and the default or delay could not have been prevented by reasonable precautions and cannot reasonably be circumvented by the non-performing party through the use of alternate sources, workaround plans or other means, including disaster recovery plans.

If a party does not perform its contractual obligations for any of the reasons listed above, the non-performing party will be excused from any further performance of its affected obligation(s) for as long as the circumstances prevail. But the party must use commercially reasonable efforts to recommence performance whenever and to whatever extent possible without delay. A party must promptly notify the other party in writing immediately after the excusable failure occurs, and also when it abates or ends.

If any of the above-enumerated circumstances substantially prevent, hinder, or delay the Contractor's performance of the Services/provision of Deliverables for more than 10 Business Days, and the State determines that performance is not likely to be resumed within a period of time that is satisfactory to the State in its reasonable discretion, then at the State's option: (a) the State may procure the affected Services/Deliverables from an alternate source, and the State is not be liable for payment for the unperformed Services/ Deliverables not provided under the Contract for so long as the delay in performance continues; (b) the State may terminate any portion of the Contract so affected and the charges payable will be equitably adjusted to reflect those Services/Deliverables terminated; or (c) the State may terminate the affected Statement of Work without liability to Contractor as of a date specified by the State in a written

notice of termination to the Contractor, except to the extent that the State must pay for Services/Deliverables provided through the date of termination.

The Contractor will not have the right to any additional payments from the State as a result of any Excusable Failure occurrence or to payments for Services not rendered/Deliverables not provided as a result of the Excusable Failure condition. Defaults or delays in performance by Contractor which are caused by acts or omissions of its Subcontractors will not relieve Contractor of its obligations under the Contract except to the extent that a Subcontractor is itself subject to an Excusable Failure condition described above and Contractor cannot reasonably circumvent the effect of the Subcontractor's default or delay in performance through the use of alternate sources, workaround plans or other means.

2.250 Approval of Deliverables

See Article 1, Section 1.051 (Criteria) for additional detail.

2.251 Delivery Responsibilities

Unless otherwise specified by the State within an individual order, the following must be applicable to all orders issued under this Contract.

- (a) Shipment responsibilities - Services performed/Deliverables provided under this Contract must be delivered "FOB Destination, within Government Premises." The Contractor must have complete responsibility for providing all Services/Deliverables to all site(s) unless otherwise stated. Actual delivery dates will be specified on the individual purchase order.
- (b) Delivery locations - Services will be performed/Deliverables will be provided at every State of Michigan location within Michigan unless otherwise stated in the SOW. Specific locations will be provided by the State or upon issuance of individual purchase orders.
- (c) Damage Disputes - At the time of delivery to State Locations, the State must examine all packages. The quantity of packages delivered must be recorded and any obvious visible or suspected damage must be noted at time of delivery using the shipper's delivery document(s) and appropriate procedures to record the damage. Where there is no obvious or suspected damage, all deliveries to a State Location must be opened by the State and the contents inspected for possible internal damage not visible externally within 14 days of receipt. Any damage must be reported to the Contractor within five days of inspection.

2.252 Delivery of Deliverables

Where applicable, the Statements of Work/POs contain lists of the Deliverables to be prepared and delivered by Contractor including, for each Deliverable, the scheduled delivery date and a designation of whether the Deliverable is a document ("Written Deliverable"), a good ("Physical Deliverable") or a Service. All Deliverables must be completed and delivered for State review and written approval and, where applicable, installed according to the State-approved delivery schedule and any other applicable terms and conditions of the Contract.

2.253 Testing

- (a) Before delivering any of the above-mentioned Statement of Work Physical Deliverables or Services to the State, Contractor will first perform all required quality

assurance activities to verify that the Physical Deliverable or Service is complete and conforms with its specifications listed in the applicable Statement of Work or Purchase Order. Before delivering a Physical Deliverable or Service to the State, Contractor must certify to the State that (1) it has performed the quality assurance activities, (2) it has performed any applicable testing, (3) it has corrected all material deficiencies discovered during the quality assurance activities and testing, (4) the Deliverable or Service is in a suitable state of readiness for the State's review and approval, and (5) the Deliverable/Service has all Critical Security patches/updates applied.

(b) If a Deliverable includes installation at a State Location, then Contractor must (1) perform any applicable testing, (2) correct all material deficiencies discovered during the quality assurance activities and testing, and (3) inform the State that the Deliverable is in a suitable state of readiness for the State's review and approval. To the extent that testing occurs at State Locations, the State is entitled to observe or otherwise participate in testing.

2.254 Approval of Deliverables, In General

- (a) All Deliverables (Physical Deliverables and Written Deliverables) and Services require formal written approval by the State, according to the following procedures. Formal approval by the State requires the State to confirm in writing that the Deliverable meets its specifications. Formal approval may include the successful completion of Testing as applicable in **Section 2.253**, to be led by the State with the support and assistance of Contractor. The approval process will be facilitated by ongoing consultation between the parties, inspection of interim and intermediate Deliverables and collaboration on key decisions.
- (b) The State's obligation to comply with any State Review Period is conditioned on the timely delivery of Deliverables/Services being reviewed.
- (c) Before commencement of its review or testing of a Deliverable/Service, the State may inspect the Deliverable/Service to confirm that all components of the Deliverable/Service have been delivered without material deficiencies. If the State determines that the Deliverable/Service has material deficiencies, the State may refuse delivery of the Deliverable/Service without performing any further inspection or testing of the Deliverable/Service. Otherwise, the review period will be deemed to have started on the day the State receives the Deliverable or the Service begins, and the State and Contractor agree that the Deliverable/Service is ready for use and, where applicable, certification by Contractor according to **Section 2.253**.
- (d) The State will approve in writing a Deliverable/Service after confirming that it conforms to and performs according to its specifications without material deficiency. The State may, but is not be required to, conditionally approve in writing a Deliverable/Service that contains material deficiencies if the State elects to permit Contractor to rectify them post-approval. In any case, Contractor will be responsible for working diligently to correct within a reasonable time at Contractor's expense all deficiencies in the Deliverable/Service that remain outstanding at the time of State approval.
- (e) If, after three opportunities (the original and two repeat efforts), the Contractor is unable to correct all deficiencies preventing Final Acceptance of a Deliverable/Service, the State may: (i) demand that the Contractor cure the failure and give the Contractor additional time to cure the failure at the sole expense of the Contractor; or (ii) keep the Contract in force and do, either itself or through other parties, whatever the Contractor has failed to do, and recover the difference between the cost to cure the deficiency and the contract price plus an additional sum equal to 10% of the cost to cure the deficiency to cover the State's general expenses provided the State can furnish proof of the general expenses; or (iii) terminate the particular Statement of Work for default, either in whole or in part by notice to Contractor provided Contractor is unable to cure the breach. Notwithstanding the foregoing, the State cannot use, as a basis for exercising its termination rights under this Section, deficiencies discovered in a repeat State Review Period that could reasonably have been discovered during a prior State Review Period.
- (f) The State, at any time and in its reasonable discretion, may halt the testing or approval process if the process reveals deficiencies in or problems with a Deliverable/Service in a sufficient quantity or of a sufficient severity that renders continuing the process unproductive or unworkable. If that happens, the State may stop

using the Service or return the applicable Deliverable to Contractor for correction and re-delivery before resuming the testing or approval process.

2.255 Process For Approval of Written Deliverables

The State Review Period for Written Deliverables will be the number of days set forth in the applicable Statement of Work following delivery of the final version of the Deliverable (and if the Statement of Work does not state the State Review Period, it is by default five Business Days for Written Deliverables of 100 pages or less and 10 Business Days for Written Deliverables of more than 100 pages). The duration of the State Review Periods will be doubled if the State has not had an opportunity to review an interim draft of the Written Deliverable before its submission to the State. The State agrees to notify Contractor in writing by the end of the State Review Period either stating that the Deliverable is approved in the form delivered by Contractor or describing any deficiencies that must be corrected before approval of the Deliverable (or at the State's election, after approval of the Deliverable). If the State notifies the Contractor about deficiencies, the Contractor will correct the described deficiencies and within 30 Business Days resubmit the Deliverable in a form that shows all revisions made to the original version delivered to the State. Contractor's correction efforts will be made at no additional charge. Upon receipt of a corrected Deliverable from Contractor, the State will have a reasonable additional period of time, not to exceed the length of the original State Review Period, to review the corrected Deliverable to confirm that the identified deficiencies have been corrected.

2.256 Process for Approval of Services

The State Review Period for approval of Services is governed by the applicable Statement of Work (and if the Statement of Work does not state the State Review Period, it is by default 30 Business Days for Services). The State agrees to notify the Contractor in writing by the end of the State Review Period either stating that the Service is approved in the form delivered by the Contractor or describing any deficiencies that must be corrected before approval of the Services (or at the State's election, after approval of the Service). If the State delivers to the Contractor a notice of deficiencies, the Contractor will correct the described deficiencies and within 30 Business Days resubmit the Service in a form that shows all revisions made to the original version delivered to the State. The Contractor's correction efforts will be made at no additional charge. Upon implementation of a corrected Service from Contractor, the State will have a reasonable additional period of time, not to exceed the length of the original State Review Period, to review the corrected Service for conformity and that the identified deficiencies have been corrected.

2.257 Process for Approval of Physical Deliverables

The State Review Period for approval of Physical Deliverables is governed by the applicable Statement of Work (and if the Statement of Work does not state the State Review Period, it is by default 30 continuous Business Days for a Physical Deliverable). The State agrees to notify the Contractor in writing by the end of the State Review Period either stating that the Deliverable is approved in the form delivered by the Contractor or describing any deficiencies that must be corrected before approval of the Deliverable (or at the State's election, after approval of the Deliverable). If the State delivers to the Contractor a notice of deficiencies, the Contractor will correct the described deficiencies and within 30 Business Days resubmit the Deliverable in a form that shows all revisions made to the original version delivered to the State. The Contractor's correction efforts will be made at no additional charge. Upon receipt of a

corrected Deliverable from the Contractor, the State will have a reasonable additional period of time, not to exceed the length of the original State Review Period, to review the corrected Deliverable to confirm that the identified deficiencies have been corrected.

2.258 Final Acceptance

Contract Activities are subject to inspection and testing by the State within 30 calendar days of the State's receipt of them ("State Review Period"), unless otherwise provided in Exhibit A. If the Contract Activities are not fully accepted by the State, the State will notify Contractor by the end of the State Review Period that either: (a) the Contract Activities are accepted, but noted deficiencies must be corrected; or (b) the Contract Activities are rejected. If the State finds material deficiencies, it may: (i) reject the Contract Activities without performing any further inspections; (ii) demand performance at no additional cost; or (iii) terminate this Contract in accordance with Section **Error! Reference source not found.**, Termination for Cause.

Within 10 business days from the date of Contractor's receipt of notification of acceptance with deficiencies or rejection of any Contract Activities, Contractor must cure, at no additional cost, the deficiency and deliver unequivocally acceptable Contract Activities to the State. If acceptance with deficiencies or rejection of the Contract Activities impacts the content or delivery of other non-completed Contract Activities, the parties' respective Program Managers must determine an agreed to number of days for re-submission that minimizes the overall impact to the Contract. However, nothing herein affects, alters, or relieves Contractor of its obligations to correct deficiencies in accordance with the time response standards set forth in this Contract.

If Contractor is unable or refuses to correct the deficiency within the time response standards set forth in this Contract, the State may cancel the order in whole or in part. The State, or a third party identified by the State, may perform the Contract Activities and recover the difference between the cost to cure and the Contract price plus an additional 10% administrative fee.

2.260 Ownership

2.261 PRESERVATION OF VERTEX STANDARD'S PROPRIETARY RIGHTS.

Contractor Standard, the third party manufacturer of any Equipment, and the copyright owner of any Non- Contractor Standard Software own and retain all of their respective Proprietary Rights in the Equipment and Software, and nothing in this Agreement is intended to restrict their Proprietary Rights. All intellectual property developed, originated, or prepared by Contractor Standard in connection with providing to State the Equipment, Software, or related services remain vested exclusively in Contractor Standard, and this Agreement does not grant to State any shared development rights of intellectual property. Except as explicitly provided in the Software License Agreement, Contractor Standard does not grant to State, either directly or by implication, estoppel, or otherwise, any right, title or interest in Contractor Standard's Proprietary Rights. State will not modify, disassemble, peel components, decompile, otherwise reverse engineer or attempt to reverse engineer, derive source code or create derivative works from, adapt, translate, merge with other software, reproduce, distribute, sublicense, sell or export the Software, or permit or encourage any third party to do so. The preceding sentence does not apply to Open Source Software which is governed by the standard license of the copyright owner.

2.262 Rights in Data

The State is the owner of all data made available by the State to the Contractor or its agents, Subcontractors or representatives under the Contract. The Contractor will not use the State's data for any purpose other than providing the Services, nor will any part of the State's data be disclosed, sold, assigned, leased or otherwise disposed of to the general public or to specific third parties or commercially exploited by or on behalf of the Contractor. No employees of the Contractor, other than those on a strictly need-to-know basis, have access to the State's data. Contractor will not possess or assert any lien or other right against the State's data. Without limiting the generality of this Section, the Contractor must only use personally identifiable information as strictly necessary to provide the Services and must disclose the information only to its employees who have a strict need-to-know the information. The Contractor must comply at all times with all laws and regulations applicable to the personally identifiable information.

The State is the owner of all State-specific data under the Contract. The State may use the data provided by the Contractor for any purpose. The State will not possess or assert any lien or other right against the Contractor's data. Without limiting the generality of this Section, the State may use personally identifiable information only as strictly necessary to utilize the Services and must disclose the information only to its employees who have a strict need to know the information, except as provided by law. The State must comply at all times with all laws and regulations applicable to the personally identifiable information. Other material developed and provided to the State remains the State's sole and exclusive property.

2.263 Ownership of Materials

The State and the Contractor will continue to own their respective proprietary technologies developed before entering into the Contract. Any hardware bought through the Contractor by the State, and paid for by the State, will be owned by the State. Any software licensed through the Contractor and sold to the State, will be licensed directly to the State.

2.270 State Standards

2.271 Existing Technology Standards

The Contractor will adhere to all existing standards as described within the comprehensive listing of the State's existing technology standards at <http://www.michigan.gov/dit>.

2.272 Acceptable Use Policy

To the extent that Contractor has access to the State computer system, Contractor must comply with the State's Acceptable Use Policy, see <http://www.michigan.gov/ditservice>. All Contractor employees must be required, in writing, to agree to the State's Acceptable Use Policy before accessing the State system. The State reserves the right to terminate Contractor's access to the State system if a violation occurs.

2.273 Systems Changes

Contractor is not responsible for and not authorized to make changes to any State systems without written authorization from the Project Manager. Any changes Contractor makes to State systems with the State's approval must be done according to

applicable State procedures, including security, access and configuration management procedures.

2.280 Extended Purchasing

2.281 MiDEAL

This Contract is extended to MiDEAL members. MiDEAL members include local units of government, school districts, universities, community colleges, and nonprofit hospitals. A current list of MiDEAL members is available at www.michigan.gov/mideal. Upon written agreement between the State and Contractor, this Contract may also be extended to: (a) State of Michigan employees and (b) other states (including governmental subdivisions and authorized entities).

If extended, Contractor must supply all Contract Activities at the established Contract prices and terms. The State reserves the right to negotiate additional discounts based on any increased volume generated by such extensions.

Contractor must submit invoices to, and receive payment from, extended purchasing program members on a direct and individual basis.

2.282 Administrative Fee and Reporting

Contractor must pay an administrative fee of 1% on all payments made to Contractor under the Contract including transactions with the State (including its departments, divisions, agencies, offices, and commissions), MiDEAL members, and other states (including governmental subdivisions and authorized entities). Administrative fee payments must be made by check payable to the State of Michigan and mailed to:

Department of Technology, Management and Budget
Financial Services – Cashier Unit
Lewis Cass Building
320 South Walnut St.
P.O. Box 30681
Lansing, MI 48909

Contractor must submit an itemized purchasing activity report, which includes at a minimum, the name of the purchasing entity and the total dollar volume in sales. Reports should be mailed to DTMB-Procurement.

The administrative fee and purchasing activity report are due within 30 calendar days from the last day of each calendar quarter.

2.283 State Employee Purchases

The State allows State employees to purchase from this Contract. Unless otherwise stated, it is the responsibility of the Contractor to ensure that the State employee is an authorized purchaser before extending the Contract pricing.

The Contractor will supply Contract Services and Deliverables at the established State of Michigan contract prices and terms to the extent applicable and where available. The

Contractor must send its invoices to and pay the State employee on a direct and individual basis.

To the extent that authorized State employees purchase quantities of Services or Deliverables under this Contract, the quantities of Services and/or Deliverables purchased will be included in determining the appropriate rate wherever tiered pricing based on quantity is provided.

2.290 Environmental Provision

2.291 Environmental Provision

Energy Efficiency Purchasing Policy – The State seeks wherever possible to purchase energy efficient products. This includes giving preference to U.S. Environmental Protection Agency (EPA) certified 'Energy Star' products for any category of products for which EPA has established Energy Star certification. For other purchases, the State may include energy efficiency as one of the priority factors to consider when choosing among comparable products.

Environmental Purchasing Policy – The State of Michigan is committed to encouraging the use of products and services that impact the environment less than competing products. The State is accomplishing this by including environmental considerations in purchasing decisions, while remaining fiscally responsible, to promote practices that improve worker health, conserve natural resources, and prevent pollution. Environmental components that are to be considered include: recycled content and recyclability; energy efficiency; and the presence of undesirable materials in the products, especially those toxic chemicals which are persistent and bioaccumulative. The Contractor should be able to supply products containing recycled and environmentally preferable materials that meet performance requirements and is encouraged to offer such products throughout the duration of this Contract. Information on any relevant third party certification (such as Green Seal, Energy Star, etc.) should also be provided.

Hazardous Materials:

For the purposes of this Section, "Hazardous Materials" is a generic term used to describe asbestos, ACBMs, PCBs, petroleum products, construction materials including paint thinners, solvents, gasoline, oil, and any other material the manufacture, use, treatment, storage, transportation or disposal of which is regulated by the federal, state or local laws governing the protection of the public health, natural resources or the environment. This includes, but is not limited to, materials the as batteries and circuit packs, and other materials that are regulated as (1) "Hazardous Materials" under the Hazardous Materials Transportation Act, (2) "chemical hazards" under the Occupational Safety and Health Administration standards, (3) "chemical substances or mixtures" under the Toxic Substances Control Act, (4) "pesticides" under the Federal Insecticide Fungicide and Rodenticide Act, and (5) "hazardous wastes" as defined or listed under the Resource Conservation and Recovery Act.

(a) The Contractor must use, handle, store, dispose of, process, transport and transfer any material considered a Hazardous Material according to all federal, State and local laws. The State must provide a safe and suitable environment for performance of Contractor's Work. Before the commencement of Work, the State must advise the Contractor of the presence at the work site of any Hazardous Material to the extent that the State is aware of the Hazardous Material. If the Contractor encounters material reasonably believed to be a Hazardous Material and which may present a substantial danger, the Contractor must immediately stop all affected Work, notify the State in writing about the conditions encountered, and take appropriate health and safety precautions.

(b) Upon receipt of a written notice, the State will investigate the conditions. If (a) the material is a Hazardous Material that may present a substantial danger, and (b) the Hazardous Material was not brought to the site by the Contractor, or does not result in whole or in part from any violation by the Contractor of any laws covering the use, handling, storage, disposal of, processing, transport and transfer of Hazardous Materials, the State must order a suspension of Work in writing. The State must proceed to have the Hazardous Material removed or rendered harmless. In the alternative, the State must terminate the affected Work for the State's convenience.

(c) Once the Hazardous Material has been removed or rendered harmless by the State, the Contractor must resume Work as directed in writing by the State. Any determination by the Michigan Department of Community Health or the Michigan Department of Environmental Quality that the Hazardous Material has either been removed or rendered harmless is binding upon the State and Contractor for the purposes of resuming the Work. If any incident with Hazardous Material results in delay not reasonable anticipatable under the circumstances and which is attributable to the State, the applicable SLA(s) for the affected Work will not be counted in time as mutually agreed by the parties.

(d) If the Hazardous Material was brought to the site by the Contractor, or results in whole or in part from any violation by the Contractor of any laws covering the use, handling, storage, disposal of, processing, transport and transfer of Hazardous Material, or from any other act or omission within the control of the Contractor, the Contractor must bear its proportionate share of the delay and costs involved in cleaning up the site and removing and rendering harmless the Hazardous Material according to Applicable Laws to the condition approved by applicable regulatory agency(ies).

Michigan has a Consumer Products Rule pertaining to labeling of certain products

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containing volatile organic compounds. For specific details visit
http://www.michigan.gov/deq/0,1607,7-135-3310_4108-173523--,00.html

Refrigeration and Air Conditioning:

The Contractor shall comply with the applicable requirements of Sections 608 and 609 of the Clean Air Act (42 U.S.C. 7671g and 7671h) as each or both apply to this contract.

Environmental Performance:

Waste Reduction Program - Contractor shall establish a program to promote cost-effective waste reduction in all operations and facilities covered by this contract. The Contractor's programs shall comply with applicable Federal, State, and local requirements, specifically including Section 6002 of the Resource Conservation and Recovery Act (42 U.S.C. 6962, et seq.).



Retail Price List

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RELM/BK Radio Contact Information

RELM Wireless Corporation
7100 Technology Drive
West Melbourne, FL 32904
www.relm.com

Corporate

Phone (800) 648-0947
Fax (321) 984-0168
Sales@relm.com

Sales

Phone (800) 821-2900
Fax (800) 704-3177
Sales@relm.com

Credit

Phone (800) 428-1950
Fax (321) 676-3519
Credit@relm.com

Factory Service

Phone (800) 422-6281
Fax (321) 953-7986
Service@relm.com

Quality Assurance

Phone (800) 648-0947
Fax (321) 953-7875
Quality@relm.com

Technical Support

Phone (800) 422-6281
Fax (321) 953-7986
Service@relm.com

RELM/BK Radio Warranty Information

STANDARD LIMITED WARRANTY

RELM Wireless ("Warrantor") warrants to the Purchaser of new radio equipment of the Warrantor's manufacture that such equipment shall be free from defects in material and workmanship for a period of two years from the date of purchase of the equipment on the basic unit and one year on the antenna, battery and all other accessories. Equipment and accessory items not manufactured by the Warrantor carry the standard warranty of the manufacturer thereof.

This warranty does not cover equipment which has been: (a) damaged or not maintained as reasonable or necessary, (b) modified in any way, including the removal of the serial tag, (c) improperly installed, (d) repaired by someone other than the Warrantor or an Authorized Warranty Repair Station or (e) used in a manner or purpose for which the equipment was not intended. (f) used with aftermarket (any accessory that is not issued by RELM) accessories. This warranty shall not extend to incidental or consequential damages arising from the operation of the equipment or from any claimed breach of this warranty. To obtain warranty repair, the customer must return the equipment properly packaged and freight prepaid to the Warrantor or any Authorized Warranty Repair Station. The equipment will be returned freight prepaid from the warrantor only.

The limited warranty is the only warranty with respect to the equipment and is expressly in lieu of all other warranties, expressed or implied. Warrantor hereby **DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY AND THE IMPLIED WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE**. No person, whether in the employment of the Warrantor or not, is authorized to make oral or other modifications, extensions, or additions to this warranty, unless approved in writing by an authorized officer of the Warrantor at its home office.

The liability of the Warrantor is expressly limited to the repair or replacement of the equipment as described herein. Warrantor shall not be liable to the Purchaser and the Purchaser shall, upon his tender of the purchase price for the equipment, agree that the Warrantor shall not be liable, in any respect, for the equipment or damages caused thereby, except as prescribed herein, whether such liability is predicated upon negligence, tort, contract or other product liability theory.

EXTENDED WARRANTY (not available internationally)

BK Radio Portables and Mobiles

2 PLUS 1 PROGRAM

Extends normal 2 year warranty to 3 years

LFW 0012

\$143.00

2 PLUS 2 PROGRAM

Extends normal 2 year warranty to 4 years

LFW 0024

\$179.00

2 PLUS 3 PROGRAM

Extends normal 2 year warranty to 5 years

LFW 0036

\$199.00

RELM and RELM/BK Portables and Mobiles

2 PLUS 1 PROGRAM

Extends normal 2 year warranty to 3 years

RPW 0012

\$25.00

2 PLUS 2 PROGRAM

Extends normal 2 year warranty to 4 years

RPW 0024

\$60.00

TERMS OF SALE:

All repairs must be performed by an authorized RELM Wireless service center during the life of the warranty.

Except for duration and factory-only repair, extended warranties are identical to our standard 2 year warranty.

Factory extended warranties cover all RELM Wireless portables or mobiles and must be purchased at point of sale.

No returns will be accepted for credit unless a return authorization has been secured prior to shipping the merchandise.

All returns are subject to a 20% restocking charge.



Digital Portable Radios

KNG P25 Digital Portables

9600 Baud Trunking Capatable

KNG-P150	136-174 MHz, 2048 channels, 6 Watt, P25 Digital/Analog Portable	\$2,713.00
KNG-P150CMD	136-174 MHz, 2048 channels, 6 Watt, P25 Specialized Command Groups	\$2,903.00
KNG-P150T2	136-174 MHz, 2048 channels, 6 Watt P25 Digital/Analog Portable without Keypad	\$2,613.00
KNG-P400	380-470 MHz, 2048 channels, 5 Watt P25 Digital/Analog Portable	\$2,713.00
KNG-P400T2	380-470 MHz, 2048 channels, 5 Watt P25 Digital/Analog Portable without Keypad	\$2,613.00
KNG-P500	440-520 MHz, 2048 channels, 5 Watt P25 Digital/Analog Portable	\$2,713.00
KNG-P500T2	440-520 MHz, 2048 channels, 5 Watt P25 Digital/Analog Portable without Keypad	\$2,613.00
KNG-P800	763-870 MHz, 2048 channels, 3 Watt P25 Digital/Analog Portable	\$2,713.00
KNG-P800T2	763-870 MHz, 2048 channels, 3 Watt P25 Digital/Analog Portable without Keypad	\$2,613.00

Conventional Only

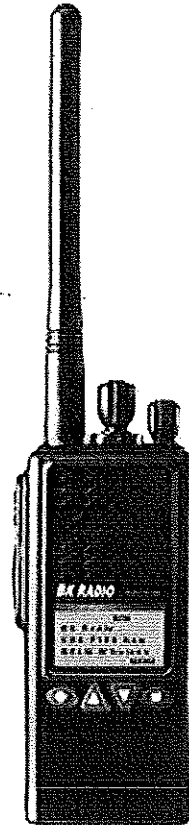
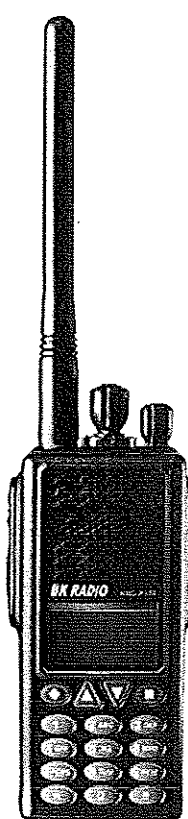
KNG-P150S	136-174 MHz, 512 channels, 6Watt, P25 digital/Analog Portable	\$1,500.00
KNG-P150ST2	136-174 MHz, 512 channels, 6 Watt P25 Digital/Analog Portable without Keypad	\$1,450.00
KNG-P400S	380-470 MHz, 512 channels, 5 Watt P25 Digital/Analog Portable	\$1,500.00
KNG-P400ST2	380-470 MHz, 512 channels, 5 Watt P25 Digital/Analog Portable without Keypad	\$1,450.00

Prices for radio and KAA0400 belt clip only.

Battery, Antenna and other accessories sold separately

EPII,DPH, GPH, LPII Trade-in allowance (LZA0554)

-\$100.00



KNG P25 Digital Portable Accessories

Antennas		
KAA0810G	VHF, SMA, (136-174 MHz) Heavy Duty	\$33.00
KAA0810G2	Antenna, VHF, 136-174MHz, SMA, KNG-P150	\$18.00
KAA0810L	VHF, SMA, (136-174 MHz) SMA, S. Flex	\$35.00
KAA0811C	Antenna, VHF, 164-174MHz, SMA, KNG-P, Stubby	\$30.00
KAA0815	UHF, SMA (380-470 MHz) Antenna	\$25.00
KAA0816	UHF, SMA (440-520 MHz) Antenna	\$25.00
KAA0818	Antenna, VHF, 150-170MHz, SMA, KNG-P150, Whip	\$50.00
KAA0825	800, SMA (764-870 MHz) Antenna	\$33.00
KAA0826	UHF, SMA (403-435MHz) Antenna Stubby 3.5"	\$25.00
KAA0833	760-870 MHz, 1/4 Wave Stubby KNG-P800	\$40.70
Batteries		
KAA0100	Li-Ion Battery 1950 mAh	\$160.00
KAA0101	Li-Ion-Ion Battery 3450 mAh	\$225.00
KAA0100IS	Battery Pack Li-Ion 1950mAh Standard Intrinsically Safe	\$200.00
KAA0101IS	Battery Pack, Li-ion, 3450 mAh, 10.8 V Intrinsically Safe	\$265.00
KAA0120	"AA" Clam Shell Battery Case Orange	\$65.00
Carrying Accessories		
KAA0400	Belt Clip "Included with portable KNG Series or purchase as replacement"	\$25.00
KAA0415	Leather Case, Cover, Belt Loop Black	\$52.00
KAA0415CF	Case, Leather, Large, Belt-loop, Open Key, Blk	\$45.00
KAA0421	Leather Case with Belt Loop & D Swivel Kit (KAA0100 Only)	\$75.00
KAA0422	Large Leather Case	\$75.00
KAA0422C	Leather Case "Cordovan Color"	\$75.00
KAA0447	Chest Carrying Pack Orange	\$66.00
KAA0447A	Chest Carrying Pack Black	\$66.00
KAA0450T	Case Nylon Holster w/ Belt Loop Tan	\$39.00
KAA0451B	Case Nylon Full Case W/ Belt Clip Black	\$40.00
KAA0455	KNG Carrying Case Nylon Camouflage (KAA0100 Only)	\$38.95
LAA0413	Strap, Leather, Shoulder " Can be used with KAA0415 & KAA0415CF"	\$15.00
RDRCC	12 Cavity Carrying Case	\$972.00
Chargers		
KAA0300P	Charger, Desktop Single KNG-Pxxx	\$100.00
KAA0301P	Charger, Desktop 6 Bay KNG-Pxxx	\$778.00
KAA0355	Vehicle Charger "Limited Quantities"	\$225.00
KAA0355P	Charger, Vehicle KNG-Pxxx	\$155.00
KAA0601P	Mounting Bracket, Vehicle, for KAA0301P	\$80.00
KAA0602P	Cable Kit, 10ft. Hard Wire, fused for KAA0301P	\$40.00
Options		
KAA0582	Option, OTAP, Trunking, KNG-Pxxx "Must have KZA0579"	\$199.00
KAA0570	OTAR (Trunking & Conventional) 2048 Channel Portables "Must have KZA0579"	\$485.00
KAA0579	P25 9600 Baud Trunking 2048 Channel Portables	\$660.00
KAA0593	Option, TDMA, KNG-Pxxx	\$250.00
KAA0595	Option, radio Authentication, KNG-P "Must have KZA0577"	\$125.00
KZA0541	Factory Upgrade, 512 channels to 2048 CMD Operating Platform	\$600.00
KZA0558	Factory Install Into Factory Install Intrinsically Safe	\$175.00
KZA0570	Factory Install OTAR Trunking & Conventional 2048 Channel Portables "Must have KZA0577"	\$485.00
KZA0577	Factory Install DES / AES Encryption	\$288.00
KZA0578	Factory Install P25 Over the Air Rekeying (OTAR) 512 Channel Portables	\$485.00
KZA0579	Factory Install P25 9600 Baud Trunking	\$660.00
KZA0581	Factory Install Multi -Cast Vote Scan Plus	\$90.00
KZA0582	Factory Install, OTAP, Trunking, KNG-Pxxx "Must have KZA0579"	\$199.00
KZA0584	Factory Install, Wireless Tactical Over the Air Rekeying Includes KZA0578 KNG-PS Series	\$485.00
KZA0588	Factory Install Trunking Compatible Platform KNG-P " Must have KZA0579"	\$600.00
KZA0591	Factory Install GPS KNG-Pxxx	\$250.00
KZA0593	Factory Install, TDMA, KNG-Pxxx	\$250.00
KZA0595	Factory Install, Site Authentication KNG-Pxxx "Must have KZA0577 & KZA0579"	\$125.00
Programming Accessories		
ASK-CK	Flash Drive, Child Key Used with KAA0735	\$42.00
KAA0587A	Cable Key Encryption KNG to KVL3000/4000 KNG-Pxxx & KNG-Mxxx	\$575.00
KAA0700	Cloning Cable KNG-P to KNG-P	\$275.00
KAA0701	Legacy / KNG Cloning Cable Portable & Mobile D/G Series, KNGP to KNGM	\$550.00

KNG P25 Digital Portable Accessories (continued)

KAA0705	Cable, Authentication key Loader, KNG	\$260.00
KAA0710	KNG Programming Cable USB	\$125.00
KAA0730	Editing Software- KNG-PS Series 512 Channels	\$90.00
KAA0732	Editing Software, KNG-PXXX & MXXX 2048 channels	\$150.00
KAA0735	Software, Editor, W/ Advance Security Key KNG	\$299.00
KZA0735	Factory Install, Advance Security Key Token, USB	\$249.00
KZA0903	Factory Programming	\$75.00
Speakers and microphones		
KAA0203E	Microphone, Speaker, w/3.5mm, IP67 Submersible, Emergency Button	\$121.00
KAA0203E-GPS	Microphone Speaker, w/3.5mm IP67Submersible, Emergency Button,GPS " Must have KZA0588"	\$550.00
KAA0204-35	Microphone, Speaker, W/ 3.5mm Jack	\$185.00
KAA0204-VCE35	Microphone, Speaker, Voumel Control, Emergency Button, W/ 3.5mm Jack	\$225.00
KAA0214	Side Connector KNG to Hirose "Need for KAA0228"	\$45.00
KAA0220	Earphone Listen Only 2.5 mm Black Loop "Used with KAA0200"	\$15.95
KAA0220EH	Earphone Listen Only 2.5 mm Black Loop (Ear Hugger Style)	\$61.67
KAA0221EH	Earphone Listen Only 3.5 mm Black Loop (Ear Hugger Style)	\$61.67
KAA0221	Earphone Listen Only 3.5 mm Black Ear Loop	\$75.00
KAA0221-203	Earphone , Listen Only, 3.5mm, Ear loop	\$45.00
KAA0223	Headset, Heavy Duty Boom KNG	\$620.00
KAA0225	Two Wire Speaker Microphone	\$252.00
KAA0226	Three Wire Speaker Microphone " Requires KAA0226B,KAA0226F,KAA0 226R"	\$270.00
KAA0226A	Acoustic Tube w/ clear Ear Tip (Replacement)	\$52.00
<i>KAA0226 Requires one of the following:</i>		
KAA0226B	Barrel PTT Button LP	\$50.00
KAA0226F	Flat PTT Button LP	\$80.00
KAA0226R	Ring PTT Button	\$50.00
KAA0226EL	Large Flexible Ear Insert (Replacement)	\$27.50
KAA0226EM	Medium Flexible Ear Insert (Replacement)	\$27.50
KAA0226ES	Small Flexible Ear Insert (Replacement)	\$27.50
KAA0226ET	Ear Tip Flexible Ear Insert	\$20.00
KAA0228	Heavy Duty Behind the Headset "Need KAA0214"	\$965.00
KAA0289	Headset, Conversion Kit, Peltor	\$197.50
KAA0648	Cable , Coiled, Molded, KAA0200, KNG-P (Replacement cable)	\$135.00
KAA0649	Cable, Strd, Molded, Unterminated, KNG-P	\$135.00
Service		
1100-31002-500	Battery Eliminator KNG-P	\$45.00
7001-31004-300	Manual Owner's KNG P 150/400 S Series	\$11.75
7001-31040-700	Manual Owner's KNG P XXX	\$11.75
7001-31050-400	Manual Owner's KNG P CMD	\$11.75
7001-31011-500	Manual Owner's KNG PT2 S Series	\$11.75
KAA0001	Service Manual KNG-PXXX	\$125.00
KAA0001CD	Service Manual on CD KNG-PXXX	\$45.00
KAA0001S	Service Manual KNG-PS Series	\$125.00
KAA0001SCD	Service Manual on CD KNG-PS Series	\$45.00
KAA0040	Kit, Knob, Portable, Channel Select & Volume, KNG-P	\$6.36
KAA0043	Kit, Battery Latch & Spring KNG-Pxxx	\$10.00
KAA0608	Cable Kit, Service, KNG-Pxxx	\$440.00
Extended Warranty		
LFW0012	Extend warranty to 3 years	\$143.00
LFW0024	Extend warranty to 4 years	\$179.00
LFW0036	Extend warranty to 5 years	\$199.00

DPH P25 Digital Portables

DPHX5102X
DPH5102XCMD

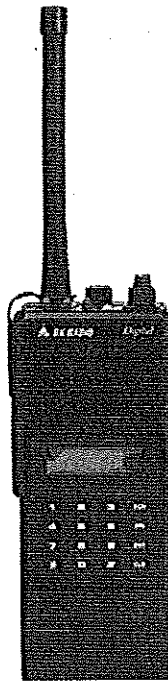
136-174 MHz, 400 channels, APCO P25 Digital/Analog Portable
136-174 MHz, 500 Channels, APCO P25 Digital/Analog Command Portable (non IS)

\$2,035.00
\$2,325.00

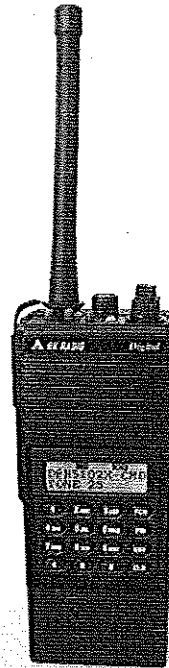
Prices for radio only. Battery,
Battery, Antenna and other accessories sold separately.

EPH, GPH & LPH Trade-in allowance (LZA0554)

-\$100.00



DPHX5102X



DPH5102XCMD

DPH P25 Digital Portable Accessories

Antennas		
LAA0801	Side Connector Adaptor Antenna PL259 External 6"	\$35.00
LAA0801A	Side Connector Adaptor Antenna PL259 External 12"	\$37.00
LAA0813	Antenna 16" Whip (148-174 MHz)	\$20.00
LAA0818	Antenna 9.5" Molded (136-174 MHz)	\$23.50
LAA0820	Antenna 5" Molded (148-174 MHz)	\$10.00
Batteries		
4004-30997-700	Battery, AA Alkaline, 1.5 V	\$1.40
LAA0139	Orange AA Battery Holder	\$45.50
LAA0145R	Adaptor Battery, KOMMBATT, RED	\$80.00
LAA0170	Black Lg. 2200 mAh Li-Ion	\$120.00
LAA0191	Black AA Battery Holder	\$45.50
Carrying Accessories		
LAA0400	Belt Clip	\$15.00
LAA0404	Spare Belt Loop- Rivet Type, Black leather loop for radios or cases with D-swivel	\$10.00
LAA0405	D-Swivel Plate	\$15.00
LAA0411	Full Cover for Leather Case, Fits all BK Radio Leather Cases	\$10.00
LAA0413	Leather Shoulder Strap	\$15.00
LAA0415	Large Leather Case with Belt Loop, W/ Large batteries	\$45.00
LAA0418	Full Leather Cover for LAA0415	\$10.00
LAA0423	Over the top Leather T-strap	\$6.00
LAA0424	Snap-On Belt Loop, For holsters or radio with D-swivel	\$18.00
LAA0425	Large Leather Case with LCD window W/Large Batteries	\$45.00
LAA0430	D-Swivel Leather Holster for radios with standard batteries (Holster Only)	\$40.00
LAA0435	Leather case only for radios with Large batteries	\$45.00
LAA0440	Metal LCD protector with gray keypad cover (excluding CMD models)	\$12.00
LAA0441	LCD Protector w/Cover (DPHX only)	\$12.00
LAA0447	Mesh Chest Harness, small	\$47.00
LAA0450	Black Nylon Holster	\$25.00
LAA0452	Case for LAA0145	\$25.00
LAA0455	Military Style Case (Green)	\$27.00
LAA0640	Stainless Steel LCD Protector (D & G Series Only)	\$17.00
LAA0640CB	Metal keypad Protector (D & G CMD Series only)	\$20.00
LAB0406	D-Swivel Kit (Includes LAA 0405 and LAA0424)	\$33.00
LAB0426	Leather Holster Kit (Includes LAA 0425 and LAA0424)	\$63.00
LAB0436	Holster w/Belt Loop (Includes LAA 0435 and LAA0424)	\$63.00
RDRCC	Weatherized Multiple Radio Travel Carrying Case 12 Cavity	\$972.00
RDRRCC	Weatherized Travel Case for RDPR Repeater & Accessories	\$1,794.00
Chargers		
LAA0325P	Dual Rate Desktop	\$100.00
LAA0355	Dual Rate Vehicular	\$243.00
LAA0380	5 - Bay Dual Rate	\$780.00
LAA0380P	Charger Desktop 6 Bay	\$855.00

DPH P25 Digital Portable Accessories (continued)

Options		
LAA0587	Encryption Key Loader Cable	\$250.00
LZA0539P	Factory Installed GPHXP to DPILX	\$500.00
LZA0558	Factory Install Intrinsically Safe Option	\$150.00
LZA0577	Factory Install DES/AES Encryption	\$288.00
LZA0578	Factory Install OTAR Programming	\$485.00
Programming Accessories		
G/ECC	"Smart" Cloning Cable	\$165.00
LAA0700	Basic Cloning Cable	\$75.00
LAA0701	Programming Plug	\$31.00
LAA0725	PC Programming Cable (Not USB)	\$125.00
LAA0744X	DPH Programming Software	\$90.00
LAA0747	DPH-CMD Program Software	\$90.00
LZA0903	Factory Programming	\$75.00
PCUSBDB9	DB9 to USB Adaptor Cable	\$65.00
Speakers and Microphones		
APX902	Miniature Earphone 3.5mm " Used with LAA0209"	\$51.00
KAA0220	Earphone Listen Only 2.5 mm Black Loop "Used with LAA0199"	\$15.95
LAA0199	Medium Duty Speaker Mic 2.5mm KAA0220 can plug into this mic	\$125.00
LAA0209	Standard Speaker Mic	\$75.00
LAA0223	Noise Canceling Headset, Over the Head	\$433.00
LAA0224	Headset, Flex Boom Ranger	\$421.00
LAA0225	Surveillance Microphone 2 wire	\$151.00
LAA0226	Surveillance Kit. 3 wire	\$206.00
<i>LAA 0226 Requires one of the following:</i>		
LAA0226B	Barrel PTT Button LP	\$50.00
LAA0226F	Flat PTT Button LP	\$57.00
LAA0226R	Ring PTT Button LP	\$50.00
LAA0226A	Acoustic Tube w/ Clear Ear Tip (Replacement)	\$52.00
LAA0226EM	Medium Flexible Ear Insert	\$27.50
LAA0226ES	Small Flexible Ear Insert	\$27.50
LAA0226ET	Ear tip for Flexible Ear Insert	\$20.00
LAA0228	Heavy Duty Behind the Head	\$615.00
Service		
0301-30964-500	DPHX Programming Manual	\$8.00
LAA0026X	Service Manual DPH, DPHX, GPHXP Printed	\$125.00
LAA0026XCD	Service Manual DPH, DPHX, GPHXP CD	\$45.00
LAA0030	DPH-CMD Service Manual	\$125.00
LAA0042	Knob Kit, Channel, Select, & Volume Large	\$39.95
LAA0600	Tool Kit	\$150.00
LAA0608	Test Cable Kit for Portables	\$325.00
LAA0614	Bottom Plate Assembly	\$40.00
LAA0646	Kit, PTT Assembly, BK Portable	\$24.00
LAA0655	Kit Graphic LCD Display Keypad GPH CMD	\$200.00
LZA0042	Factory Install Knob Kit LAA0042	\$39.95
Extended Warranty		
LFW0012	Extend warranty to 3 years	\$143.00
LFW0024	Extend warranty to 4 years	\$179.00
LFW0036	Extend warranty to 5 years	\$199.00



Analog Portable Radios

High Spec Analog Portables

GPH5102XCMD	500 channel, 136-174 MHz, Command Radio	\$1,325.00
GPH5102XP	400 channel, 136-174 MHz	\$1,105.00

Prices for radio only.
Battery, Antenna and other accessories sold separately.



High Spec Analog Portable Accessories

Antennas		
LAA0801	Side Connector Adaptor Antenna PL259 External 6"	\$35.00
LAA0801A	Side Connector Adaptor Antenna PL259 External 12"	\$37.00
LAA0813	16" Whip (148-174 MHz)	\$20.00
LAA0818	9.5" Molded (136-174 MHz)	\$23.50
LAA0820	5" Molded (148-174 MHz)	\$10.00
Batteries		
4004-30997-700	Battery, AA Alkaline, 1.5 V	\$1.40
LAA0139	Orange AA Battery Holder	\$45.50
LAA0145	Adaptor Battery, KOMMBATT	\$45.00
LAA0170	Black Lg. 2200 mAh Li-Ion	\$120.00
LAA0191	Black AA Battery Holder	\$45.50
Carrying Accessories		
LAA0400	Belt Clip	\$15.00
LAA0404	Spare Belt Loop- Rivet Type, Black leather loop for radios or cases with D-swivel	\$10.00
LAA0405	D-Swivel Plate	\$15.00
LAA0411	Full Cover for Leather Case, Fits all BK Radio Leather Cases	\$10.00
LAA0413	Leather Shoulder Strap	\$15.00
LAA0415	Large Leather Case with Belt Loop, W/ Large batteries	\$45.00
LAA0418	Full Leather Cover for LAA0415	\$10.00
LAA0423	Over the top Leather T-strap	\$6.00
LAA0424	Snap-On Belt Loop, For holsters or radio with D-swivel	\$18.00
LAA0425	Large Leather Case with LCD window W/Large Batteries	\$45.00
LAA0430	D-Swivel Leather Holster for radios with standard batteries (Holster Only)	\$40.00
LAA0435	Leather case only for radios with Large batteries	\$45.00
LAA0440	Metal LCD protector with gray keypad cover (excluding CMD models)	\$12.00
LAA0441	LCD Protector w/Cover	\$12.00
LAA0447	Mesh Chest Harness	\$47.00
LAA0450	Black Nylon Holster	\$25.00
LAA0452	Case for LAA0145	\$25.00
LAA0455	Military Style Case (Green)	\$27.00
LAA0640	Stainless Steel LCD Protector - D & G Series (not CMD)	\$17.00
LAA0640CB	Metal Keypad Protector, D & G Series CMD	\$20.00
LAB0406	D-Swivel Kit (Includes LAA 0405 and LAA0424)	\$33.00
LAB0426	Leather Holster Kit (Includes LAA 0425 and LAA0424)	\$63.00
LAB0436	Holster w/Belt Loop (Includes LAA 0435 and LAA0424)	\$63.00
RDRCC	Carrying Case, 12 Cavity	\$972.00
RDRRCC	Weatherized Travel Case for RDPR Repeater & Accessories	\$1,794.00
Chargers		
LAA0325	Dual Rate Desktop	\$135.00
LAA0355	Dual Rate Vehicular	\$243.00
LAA0380	5 - Bay Dual Rate	\$780.00
LAA0380P	Charger Desktop 6 Bay	\$855.00
Programming Accessories		
G/ECC	"Smart" Cloning Cable	\$165.00
LAA0700	Basic Cloning Cable	\$75.00
LAA0701	Programming Plug	\$31.00
LAA0725	PC Programming Cable (not USB)	\$125.00
LAA0738P	GPII-XP PC Software	\$90.00
LAA0746	GPII-CMD PC Software	\$90.00
LAA1733CD	EPU/EPV PC Software	\$70.00
LZA0903	Factory Programming	\$75.00
PCUSBDB9	DB9 to USB Adaptor Cable	\$65.00
Speakers and microphones		
APX902	Miniature Earphone 3.5mm " Used LAA0209"	\$51.00
KAA0220	Earphone Listen Only 2.5 mm Black Loop "Used with LAA0199"	\$15.95
LAA0199	Medium Duty Spkr mic	\$125.00
LAA0209	Std. Speaker mic	\$75.00
LAA0223	Noise Canceling Headset	\$433.00
LAA0224	Headset, Flex Boom Ranger	\$421.00
LAA0225	Surveillance microphone	\$151.00

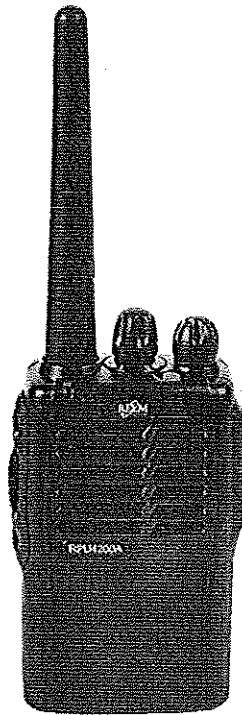
High Spec Analog Portable Accessories (continued)

LAA0226	Surveillance Kit 3 Wire Cable	\$206.00
<i>LAA 0226 Requires one of the following:</i>		
LAA0226B	Barrel PTT Button LP	\$50.00
LAA0226F	Flat PTT Button LP	\$57.00
LAA0226R	Ring PTT Button LP	\$50.00
LAA0226A	Acoustic Tube w/ Clear Ear Tip (Replacement)	\$14.00
LAA0226EL	Large Flexible Ear Insert (Replacement)	\$27.50
LAA0226EM	Medium Flexible Ear Insert	\$27.50
LAA0226ES	Small Flexible Ear Insert	\$27.50
LAA0226ET	Ear Tip for Flexible Ear Insert	\$20.00
Service		
LAA0026XCD	Service Manual DPH, DPHX, GPHXP CD	\$45.00
LAA0026X	Service Manual DPH, DPHX, GPHXP Printed	\$125.00
LAA0029	GPH-CMD Service Manual	\$125.00
LAA0042	Knob Kit, Ch. Sel. & Vol, Large	\$39.95
LAA0600	Tool Kit	\$150.00
LAA0608	Test Cable Kit for Portables	\$325.00
LAA0614	Bottom Plate Assembly	\$40.00
LAA0646	Kit, PTT Assembly, BK Portable	\$24.00
LZA0042	Factory Install Knob Kit	\$39.95
LZA0539	Factory Install, GPH (Flash) to DPH Upgrade	\$1,120.00
LZA0539P	GPHXP Digital Upgrade for GPHXP to DPH	\$500.00
LZA0540	factory Install GPH (Non-Flash) to DPH Upgrade	\$1,120.00
LZA0582	Factory Install, GPH-CMD UCG in DPH-CMD	\$500.00
Extended Warranty		
LFW0012	Extend warranty to 3 years	\$143.00
LFW0024	Extend warranty to 4 years	\$179.00
LFW0036	Extend warranty to 5 years	\$199.00

RP4200A Analog Portable

RPV4200A	420-470 MHz, 16 channels (No display or keypad)	\$208.33
RPV4200	146-174 MHz, 16 channels (No display or keypad)	\$208.33

Prices include Antenna, Battery, Desktop Charger, Belt Clip and Carrying Strap.



RP4200 Accessories

Antennas		
RDRPU42L	Standard 440-470 MHz	\$17.50
RDRPU42S	Stubby 440-470 MHz	\$25.00
RDRPVA	Standard 148-174 MHz	\$18.00
RDRPVAS	Stubby 150-174 MHz	\$18.00
Batteries		
BPRP1242	1200 mAH, Li-Polly	\$49.00
BPRP1742	1600 mAH, Li-Polly	\$65.00
Carrying Accessories		
BLTCLPRP42	Long Spring Loaded Belt Clip	\$12.50
LC RP42	RP4200 Leather Carrying Case	\$29.95
Chargers		
BCCA42PS	Power Supply for Chargers	\$25.00
BCRP42	Single Unit-Charger	\$25.00
BCRP642	Six Unit Rapid Charger	\$325.00
Programming Accessories		
CCRP	Cloning Cable	\$25.00
PCRP	PC Programming Cable	\$25.00
PCRPUSB	Programming Cable USB	\$25.00
RESRP4200	RP4200 PC Software	\$25.00
Speakers and microphones		
Agent RP	D-Ring earpiece, inline mic	\$39.95
Body Guard RP	Over-ear earpiece, lapel mic	\$39.00
Cord RP	Titan RP cord for RP16/99	\$42.00
Double Agent RP	D-Ring earpiece, lapel mic	\$49.00
Headset-RP	RP Headset	\$75.00
K-TUBE	Audio tube for Shadow & Sentry	\$11.10
KTUBE-CLIP	Plastic Bracket Clip for K-TUBE	\$10.00
Pinkies	Earpiece cover Shadow & Sentry	\$5.75
Razor RP	Behind head earpiece, boom mic	\$69.00
SC-Earpiece-RP	Audio only earpiece	\$16.66
Scorpion RP	Over-ear listen-only earpiece	\$17.95
Scorpion RPHD	3.5MM	\$17.95
Sentry RP	Tube type headset, dual PTT	\$69.00
Shadow RP	In-ear listen-only earpiece	\$39.00
SMHDRP	Heavy Duty Speaker mic	\$81.50
SMRP	Standard Speaker microphone	\$59.00
Stealth RP	Surveillance Headset and mic	\$69.00
Titan RP	Noise Canceling Headset (requires CordRP)	\$288.00
Service		
SERMANRPU4200	Service Manual	\$42.00
Extended Warranty		
RPW0012	Extend warranty to 3 years	\$25.00
RPW 0024	Extend warranty to 4 years	\$60.00

RP6500 Analog Portable

RPV6500	UHF 400-470 MHz, 128 Channels, 4 Watts	\$291.67
RPV6500	VHF 136-174 MHz, 128 Channels, 5 Watts	\$291.67

Prices include Antenna, Battery, Rapid Rate Desktop Charger, Belt Clip and Carrying Strap.



RP6500 Accessories

Antennas		
RDRPUA	UHF Rubber Flex 450-470 MHz	\$18.00
RDRPUAS	UHF Stubby 450-470 MHz	\$18.00
RDRPVA	VHF Rubber Flex 146-174 MHz	\$18.00
RDRPVAS	VHF Stubby 146-174 MHz	\$18.00
Batteries		
BPRP1750	Battery Li-Pol mAH	\$65.67
Carrying Accessories		
BLTCLPRP6	RP6500 Spring Loaded Belt Clip	\$12.50
LCRP6500	RP6500 Leather Case – D Swivel	\$48.33
Chargers		
BCRP65	RP6500 Desktop Charger	\$52.00
BCRP665	RP6500 6 Well Gang Charger	\$375.00
Speakers and microphones		
Bodyguard-RP6	Lapel mic & Earpiece	\$39.00
HEADSETRP6	Universal Headset	\$75.00
Sentry-RP6	Undercover Surveillance Mic (with mic and acoustic earpiece)	\$69.00
SMIDRP65	Heavy Duty Speaker mic	\$81.50
Programming Accessories		
PCRP6USB	Cable, PCUSB, Programming , RP65 Series	\$25.00
RESRP6500	RP6500 Software	\$25.00
Service		
SERMANRP6500	RP6500 Service Manual	\$42.00
Extended Warranty		
RPW0012	Extend warranty to 3 years	\$25.00
RPW 0024	Extend warranty to 4 years	\$60.00

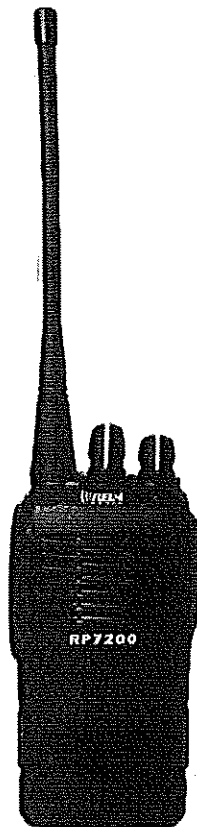
RP7200 Analog Portable

RPV7200
RPV7200

Portable, 4W, 16Channels, 450-470MHz, 12.5/25KHz
Portable, 5W, 16Channels, 136-174MHz, 12.5/25KHz

\$290.00
\$290.00

Prices include Antenna, Battery, Rapid Rate Desktop Charger, Belt Clip and Carrying strap.



RP7200 Accessories

Antennas		
RDRPUA	UHF Rubber Flex 450-470 MHz	\$18.00
RDRPUAS	UHF Stubby 450-470 MHz	\$18.00
RDRPVA	VHF Rubber Flex 146-174 MHz	\$18.00
RDRPVAS	VHF Stubby 146-174 MHz	\$18.00
Batteries		
BPRP1772	Battery, Li-Poly, 1700Ah, RP7200	\$74.00
BPRP2072	Battery, Li-Poly, 2000mAh, RP7200	\$93.00
Carrying Accessories		
BLTCLPRP72	Spring Loaded Belt Clip	\$12.50
LCRP7100	Leather Case -- D Swivel	\$48.33
NCRP7100	Nylon Carrying Case	\$36.77
Chargers		
BCRP672	6 Well Gang Charger	\$370.00
BCRP72	Desktop Charger	\$75.00
Options		
Programming Accessories		
CCRP3	Cloning Cable	\$25.00
PCRP3USB	Cable PC USB Programming	\$25.00
RESRP7200	Software	\$25.00
Speakers and microphones		
APX903	Mini Earpiece, 3.5mm jack	\$40.00
Bodyguard-RP3	Lapel mic & Earpiece	\$59.00
HEADSETRP3	Universal Headset	\$75.00
Sentry-RP3	Undercover Surveillance Mic (with mic and acoustic earpiece)	\$89.00
SMHDRP3	Heavy Duty Speaker mic	\$89.00
SMRP3	Low Profile Speaker mic	\$85.33
Service		
SERMANRP7200	Service Manual	\$42.00
Extended Warranty		
RPW0012	Extended Warranty to 3 Years	\$25.00
RPW0024	Extended Warranty to 4 Years	\$60.00



Digital Mobile Radios

KNG P25 Digital Mobiles

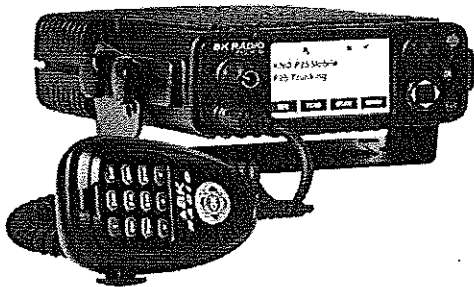
KNG-M150	136-174 MHz, Digital/Analog, P25, 2048 channels, 50 Watts Dash Mount	\$3,658.34
KNG-M400	380-470 MHz, Digital/Analog, P25, 2048 channels, 50 Watts Dash Mount	\$3,658.34
KNG-M500	440-520 MHz, Digital/Analog, P25, 2048 channels, 50 Watts Dash Mount	\$3,658.34
KNG-M800	763-870 MHz, Digital/Analog, P25, 2048 channels, 30/35 Watts Dash Mount	\$3,658.34

Units come with Installation Kit (KAA0630/KAA0647) & External Speaker (KAA0261)
Microphones sold separately.



KNG-M150R	136-174 MHz, Digital/Analog, P25, 2048 channels, 50 Watts Remote Mount	\$2,800.00
KNG-M400R	380-470 MHz, Digital/Analog, P25, 2048 channels, 50 Watts Remote Mount	\$2,800.00
KNG-M500R	440-520 MHz, Digital/Analog, P25, 2048 channels, 50 Watts Remote Mount	\$2,800.00
KNG-M800R	763-870 MHz, Digital/Analog, P25, 2048 channels, 30/35 Watts Remote Mount	\$2,800.00

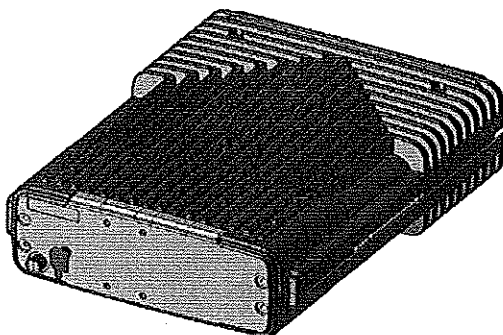
Units come with Installation Kit (KAA0630/KAA0647) & External Speaker (KAA0261)
Microphones sold separately.



KNG-Mxxx



KAA0670 HCH
Handheld Control Head



KNG-MxxxR



KAA0660
Remote Control Head

KNG P25 Mobile Accessories

Antennas		
1201-30996-601	Magnetic Mount Base 17' Cable N Type	\$64.95
KAA0834	Antenna , GPS KNG-M	\$45.00
KAA0835	Antenna, Combo Mount NMO/GPS	\$195.00
MWU4002S	UHF Mobile Antenna, 380-520 MHz	\$105.00
MWV1360S	VHF Mobile Antenna, 136-174 MHz	\$105.00
MWV800	Mobile Antenna, 763-870 MHz	\$105.00
MWV800NGP	Antenna Mobile, 806-866MHz, MUF8003NGP (S) (No Ground Plane Required	\$105.00
NMO-NTYPE	Fixed Antenna Mount NMO w/ Type N Connector	\$50.00
Speaker/Microphones & Audio Accessories		
KAA0258	Microphone, Desktop, KNG-BXXX	\$150.00
KAA0261	External Speaker 20W, 4 Ohm, W/ Mounting Bracket (Replacement or Spare)	\$50.00
KAA0276	Standard Handheld Microphone KNG-M	\$266.00
KAA0276E	Microphone, Standard, Mobile IP67, KNG-Mxxx	\$265.00
KAA0290	Handheld Programming Microphone	\$425.00
KAA0647	Aux. / Speaker Cable Assembly (Replacement or Spare)	\$47.95
Installation Kits		
KAA0630	Kit Install, Bracket & PWR Cord KNG-M Series Mobile Dash Mount	\$214.70
KAA0635	Cable Assy Remote Mount 8' KNG-MxxR	\$115.00
KAA0636	Cable Assy Remote Mount 17' KNG-MxxxR	\$135.00
KAA0637	Cable Assy Remote Mount 25' KNG-MxxxR	\$190.00
KAA0638	Kit Install Remote Mount KNG-MxxxR	\$128.95
KAA0639	Kit Install KAA0670 HCH Trunk Mount "Remote Interface Box"	\$135.00
KAA0639C	Kit, Install, Cab Mount, KAA0670 HCH to KNG-Mxxx & KNG-MxxxR	\$150.00
KAA0656	Cable, RCH Extension, 300ft, KNGMxxx	\$815.00
KAA0656-100	Cable, RCH Extension, 100ft., KNG-Mxxx	\$340.00
Options & Upgrades		
KAA0154	High Power, 110W KNG-M150	\$350.00
KAA0521	DFSI / Station Alert Interface Unit	\$655.00
KAA0569	P25 9600 Baud Trunking	\$660.00
KAA0580	OTAR (Trunking & Conventional) "Must have KZA0576"	\$485.00
KAA0583	Vote Scan	\$90.00
KAA0589	Field Installed GPS Option for KNG Mobiles	\$695.00
KAA0592	Field Installed, OTAP, Trunking, KNG-Mxxx "Must have KZA0569"	\$199.00
KAA0594	Option, TDMA	\$250.00
KAA0596	Option, Radio Authentication "Must have KZA0576 & KZA0569"	\$125.00
KAA0614	Kit, Nameplate KNG-Mxxx	\$30.00
KAA0616	Cable Interface, FireCom KNG-Mxxx	\$120.00
KAA0629	Kit, RCH Expansion Splitter Box, KNG-M	\$265.00
KAA0660	Remote Control Head Plug & Play KNG-Mxxx (Comes with KAA0638 Install Kit)	\$1,460.00
KAA0661	Remote Control Head Cover KNG Mobiles	\$29.50
KAA0670	Hand Held Control Head HCH	\$850.00
KZA0154	Factory Install Option, High Power, 110W KNG-M150 Only	\$350.00
KZA0569	Factory Install P25 9600 Baud Trunking	\$660.00
KZA0576	Factory Install DES / AES Encryption	\$288.00
KZA0580	Factory Install P25 Over the Air Rekeying (OTAR) " Must have KZA0576"	\$485.00
KZA0583	Factory Install Vote Scan	\$90.00
KZA0589	Factory Install GPS	\$695.00
KZA0592	Factory Install, OTAP, Trunking, KNG-Mxxx "Must have KZA0569"	\$199.00
KZA0594	Factory Install, TDMA "Must have KZA0569"	\$250.00
KZA0596	Factory Install, Radio Authentication "Must have KZA0576 & KZA0569"	\$125.00
KZA0614	Factory Install, Kit, Nameplate KNG-Mxxx	\$35.00
Programming		
ASK-CK	Flash Drive, Child Key Used with KAA0735	\$42.00
KAA0587A	Cable Key Encryption KNG to KVL3000/4000 KNG-Pxxx & KNG-Mxxx	\$575.00
KAA0701	Cloning Cable Portable & Mobile KNG	\$550.00
KAA0705	CABLE, Authentication, Key Loader, KNG	\$260.00
KAA0710	KNG Programming Cable USB	\$125.00
KAA0732	Editing Software, KNG-P & M	\$150.00
KAA0735	Software, Editor, W/ Advance Security Key KNG	\$299.00
KZA0735	Factory Install, Advance Security Key Token, USB	\$249.00
KZA0903	Factory Programming KNG	\$75.00

KNG P25 Digital Mobile Accessories (continued)

Service		
7001-31028-900	Manual Owner's KNG MXXX (Included with Mobile)	\$11.75
KAA0002	Manual, Service, KNG-M XXX Printed	\$125.00
KAA0002CD	Manual, Service, KNG-M XXX CD	\$45.00
Extended Warranty		
LFW0012	Extended Warranty to 3 Years	\$143.00
LFW0024	Extended Warranty to 4 Years	\$179.00
LFW0036	Extended Warranty to 5 Years	\$199.00

KNG P25 Transportable Digital Mobiles

KNG-TMR150	Mobile, Transportable, Digital, VHF, 136-174 MHz, 15 Watts	\$8,500.00
KNG-TMR400	Mobile, Transportable, Digital, UHF, 400-470 MHz, 15 Watts	\$8,500.00
KNG-TMR500	Mobile, Transportable, Digital, UHF, 440-520 MHz, 15 Watts	\$8,500.00
KNG-TMR800	Mobile, Transportable, Digital, 760-870 MHz, 15 Watts	\$8,500.00

Units come with Internal Battery 4004-40012-603, Wall Charger WCRDPRUM and Shoulder Strap
Microphones sold separately.



KNG-TMR XXX
Microphone not included



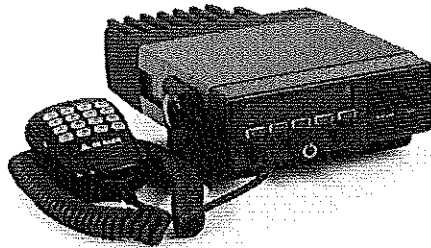
KNG P25 Transportable Digital Mobiles Accessories

Antennas		
BS4MRDPR	Tripod, Heavy Duty, 4M (13ft.) Blue Sky	\$6,753.00
KAA0827	Antenna, Local, UHF 380-470 MHz SMA/Type N, KNG-TMR400 / 500	\$100.00
KAA0828	Antenna 700/800 760-870 MHz, SMA/Type N, KNG-TMR800	\$100.00
KAA0829	Antenna, Local, VHF 136-174 MHz SMA/type N, KNG-TMR150	\$100.00
KAA0834	Antenna, GPS KNG-M	\$45.00
KAA0835	Antenna, Combo Mount NMO/GPS	\$195.00
MBS	Antenna mounting base	\$47.00
MBS-NTYPE	Antenna mounting base w/ N Type	\$70.00
MWU4002S	Mobile Antenna, 406-512 MHz w/Spring	\$105.00
MWV1360S	Mobile Antenna, 136-174 MHz w/spring	\$105.00
MWV800	Mobile Antenna, 763-870 MHz	\$105.00
MWV800NGP	Antenna Mobile, 806-866MHz, MUF8003NGP (S) (No Ground Plane Required)	\$105.00
NMO-NTYPE	Fixed Antenna Mount NMO w/ Type N Connector	\$50.00
Batteries & Chargers		
4004-40012-603	Battery, Li-Ion, 12.4AH, 15V, Replacement	\$900.00
CHRGCBRLDPR-UM	Charger Cable, Assembly	\$70.00
DCCBLRDPR-UM	Cable, DC, 6Ft, 18AWG	\$70.00
EBS-RDPR	Battery System, Li-Ion, External, 40Ah Requires : CHRGCBRLDPR-UM	\$3,925.00
SLRCBLRDPRUM	Cable, Solar, 6Ft., 18AWG	\$130.00
WCRDPRUM	Charger, Wall, 19V, 3.15A	\$230.00
Speaker Microphones & Audio Accessories		
KAA0258	Microphone, Desktop, KNG-BXXX	\$150.00
KAA0276	Standard Handheld Microphone KNG-M	\$266.00
KAA0276E	Microphone, Standard, Mobile IP67, KNG-Mxxx	\$265.00
KAA0290	Handheld Programming Microphone	\$425.00
Installation Kits		
CABANTRDPR	Cable, RG58 Coax 25ft with connectors	\$104.00
CABANTRDPR50	Cable, RG58 Coax, 50 ft, LMR240, N to UHF, RDPR	\$155.00
CABANTRDPR50N	Cable Coax, Ant. 50ft, LMR240, N to N, RDPR with connectors	\$155.00
Options & Upgrades		
KAA0569	P25 9600 Baud Trunking	\$660.00
KAA0580	OTAR (Trunking & Conventional) "Must have KZA0576"	\$485.00
KAA0583	Vote Scan	\$90.00
KAA0592	Field Installed, OTAP, Trunking, KNG-Mxxx "Must have KZA0569"	\$199.00
KAA0594	Option, TDMA	\$250.00
KAA0596	Option, Radio Authentication "Must have KZA0576 & KZA0569"	\$125.00
KZA0569	Factory Install P25 9600 Baud Trunking	\$660.00
KZA0576	Factory Install DES / AES Encryption	\$288.00
KZA0580	Factory Install P25 Over the Air Rekeying (OTAR) "Must have KZA0576"	\$485.00
KZA0583	Factory Install Vote Scan	\$90.00
KZA0589	Factory Install GPS	\$695.00
KZA0592	Factory Install, OTAP, Trunking, KNG-Mxxx "Must have KZA0569"	\$199.00
KZA0594	Factory Install, TDMA	\$250.00
KZA0596	Factory Install, Radio Authentication "Must have KZA0576 & KZA0569"	\$125.00
Programming		
KAA0701	Cloning Cable Portable & Mobile KNG	\$550.00
KAA0705	cable, Authentication Key Loader, KNG	\$260.00
KAA0710	KNG Programming Cable USB	\$125.00
KAA0732	Editing Software, KNG-P & M	\$150.00
KAA0735	Software, Editor, W/ Advance Security Key KNG	\$299.00
KZA0735	Factory Install, Advance Security Key Token, USB	\$249.00
KZA0903	Factory Programming KNG	\$75.00
Service		
KAA0004	Service Manual, KNG-TMR Series	\$115.00
KAA0004CD	Service Manual, KNG-TMR Series, CD	\$45.00
Extended Warranty		
LFW0012	Extended Warranty to 3 Years	\$143.00
LFW0024	Extended Warranty to 4 Years	\$179.00
LFW0036	Extended Warranty to 5 Years	\$199.00

DMH P25 Digital Mobiles

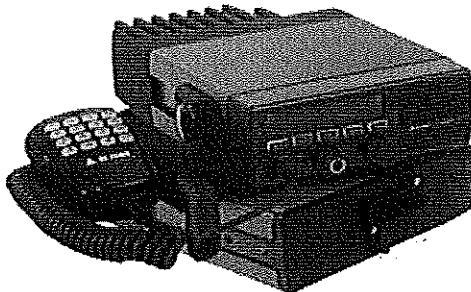
DMH5992R	136-174 MHz, 50 Watt, 400 channels Remote mount	\$2,493.00
DMH5992X	136-174 MHz, 50 Watt, 400 channels Dash mount	\$2,303.00

Prices for radio only.
Installation kits and microphones sold separately.



DMH5992X Dash Mount 50 Watt Mobile Radio

Shown with LAA0290



DMH5992R
Shown with LAA0290 Microphone

DMH P25 Accessories

Antennas		
1201-30996-600	Magnetic Mount Base 17' Cable	\$64.95
MWV1360S	VHF Mobile Antenna, 136-174 MHz	\$105.00
NMO	Fixed Antenna Mount NMO w/ Mini-UHF Connector	\$59.00
Antenna Adapters		
6006-30970-501	DMH QMA-PL259 Adapter	\$61.75
6006-30970-502	DMH QMA-Mini UHF Adapter	\$39.95
LAA0802	Mini UHF to PL259 Antenna Adaptor	\$12.00
Installation Kits *DMH5992R 50 Watt & 100 Watt mobiles require an Installation Kit and a Remote Mount Cable and Power Cord		
6006-30975-304	8' Interface Cable for Remote Mount (Cable Only)	\$137.00
6006-30975-305	17' Interface Cable for Remote Mount (Cable Only)	\$180.00
6006-30975-306	25' Interface Cable for Remote Mount (Cable Only)	\$338.00
7011 30970-901	Cable Assy Power Cord DMH	\$30.00
LAA0631	Control Head Kit / Button Hardware	\$66.00
LAA0633	Dash Mount Installation Kit for 50 Watt	\$80.00
LAA0633-100	Dash Mount Installation Kit for 100 Watt	\$80.00
LAA0634	Power Cord Kit, 100 Watt	\$139.50
LAA0638	Remote Mount Installation Kit for 50 Watt	\$80.00
LAA0641	8' Remote Mount Cable and Power Cord for 50 Watt	\$152.00
LAA0641-100	8' Remote Mount Cable and Power Cord for 100 Watt	\$152.00
LAA0642	17' Remote Mount Cable and Power Cord for 50 Watt	\$200.00
LAA0642-100	17' Remote Mount Cable and Power Cord for 100 Watt	\$200.00
LAA0643	25' Remote Mount Cable and Power Cord for 50 Watt	\$375.00
LAA0644	Dash Mount Installation Kit for 50 Watt (Heavy Equipment Application)	\$95.00
LAA0645	Remote Mount Installation Kit for 100 Watt	\$80.00
Options		
LAA0587	Encryption Key Loader Cable	\$250.00
LZA 0576R	Factory Install DES and AES Encryption Option for Remote Mount mobile radio	\$288.00
LZA0576	Factory Install DES and AES Encryption Option for Dash Mount mobile radio	\$288.00
LZA0580	Factory Install Over-the-Air-Rekeying (OTAR) DMH	\$485.00
Power Supplies and RF Amplifiers		
LAA0158	Low Profile Power Supply 22 Amp, 110/220 VAC	\$325.00
LAA0617	Hood for the LAA0158	\$35.00
Programming Accessories		
LAA0725	PC Programming Cable (not USB)	\$125.00
LAA0745	DMH PC Software	\$90.00
Speaker Microphones & Audio Accessories		
LAA0258	Low Profile Desktop Microphone	\$192.00
LAA0258S	Microphone, Desk Top	\$192.00
LAA0260 KIT	Bracket for LAA0261 Speaker	\$5.50
LAA0261	External Speaker with Bracket	\$50.00
LAA0276	Standard Handheld Microphone	\$45.00
LAA0290	Handheld Programming Microphone (Smart mic)	\$190.00
Service		
LAA0028	Printed DMH Service Manual	\$125.00
LAA0621	Mobile Test Cable Kit	\$120.00
LAA0028CD	Manual Service DMH/GMHXP	\$45.00
Extended Warranties		
LFW0012	Extend warranty to 3 years	\$143.00
LFW0024	Extend warranty to 4 years	\$179.00
LFW0036	Extend warranty to 5 years	\$199.00



Analog Mobile Radios

High Spec Analog Mobiles

GMH5992RP	136-174 MHz, 400 channels, Remote mount (50 Watt)	\$2,076.00
GMH5992XP	136-174 MHz, 400 channels, Dash mount (50 Watt)	\$1,625.00

Prices for radio only. Install kits and microphones sold separately.

Factory Upgrade for GMHX to DMHX P25 Digital (LZA0568)	\$1,750.00
Factory Upgrade for GMHR to DMHR P25 Digital Remote (LZA0567)	\$2,085.00
Factory Upgrade for GMHXP to DMHXP P25 Digital (LZA568P)	\$1,250.00
Factory Upgrade for GMHXP to DMHR P25 Digital Remote (LZA567P)	\$1,560.00



GMH5992XP 50 Watt Dash Mount Mobile Radio

Shown with LAA0290 Microphone

High Spec Analog Mobile Accessories

Antennas		
1203-30996-600	Magnetic Mount Base 17' Cable	\$64.95
MWV1360S	VHF Mobile Antenna, 136-174 MHz	\$105.00
NMO	Fixed Antenna Mount NMO w/ Mini-UHF Connector	\$59.00
Antenna Adapters		
6006-30970-501	DMH/GMH QMA-PL259 Adapter	\$61.75
6006-30970-502	DMH/GMH QMA-Mini UHF Adapter	\$39.95
LAA0802	Mini UHF to PL259 Antenna Adapter	\$12.00
Installation Kits *GMH5992R 50 Watt & 100 Watt mobiles require an Installation Kit and a Remote Mount Cable and Power Cord		
6006-30975-304	8' Interface Cable for Remote Mount (Cable Only)	\$137.00
6006-30975-305	17' Interface Cable for Remote Mount (Cable Only)	\$180.00
6006-30975-306	25' Interface Cable for Remote Mount (Cable Only)	\$338.00
7011-20180-500	Cable Assy Power Cord GMH (older version)	\$25.00
LAA0620	EMV Dash Mount Installation Kit	\$30.00
LAA0622	Install Kit for GMH5992X Dash	\$80.00
LAA0633	GMHXP Dash Mount Installation Kit	\$80.00
LAA0633-100	100 watt Dash Mount Install Kit	\$80.00
LAA0634	Power Cord Kit, 100 Watt	\$139.50
LAA0638	GMH Remote Mount Install Kit (Requires a Remote Mount Cable & Power Cord)	\$80.00
LAA0641	8' Remote Mount Cable with Power Cord for 50 Watt	\$152.00
LAA0641-100	8' Remote Mount Cable and Power Cord for 100 Watt	\$152.00
LAA0642	17' Remote Mount Cable and Power Cord for 50 Watt	\$200.00
LAA0642-100	17' Remote Mount Cable and Power Cord for 100 Watt	\$200.00
LAA0643	25' Remote Mount Cable and Power Cord for 50 Watt	\$375.00
LAA0644	Dash Mount Heavy Equipment Application	\$95.00
LAA0645	GMH Remote Mount Install Kit for 100 Watt	\$80.00
Power Supplies and RF Amplifiers		
LAA0158	Low Profile Power Supply 22 Amp, 110/220 VAC	\$325.00
LAA0617	Hood for the LAA0158	\$35.00
Programming Accessories		
G/ECC	"Smart" Cloning Cable	\$165.00
LAA0700	Basic Cloning Cable	\$75.00
LAA0725	PC Programming Cable	\$125.00
LAA0742CD	GMH Software	\$70.00
LAA0742P	GMHXP PC Software	\$90.00
LZA0903	Factory Programming	\$75.00
Speakers and microphones		
LAA0258	Low Profile Desktop microphone	\$192.00
LAA0260	GMH/EMV External Speaker with Bracket	\$45.00
LAA0260 KIT	Bracket for LAA0260/LAA0261 Speaker	\$5.50
LAA0261	GMHXP-External Speaker with Bracket	\$50.00
LAA0276	Standard Handheld microphone	\$45.00
LAA0290	Handheld Programming microphone	\$190.00
Extended Warranties		
LFW0012	Extend warranty to 3 years	\$143.00
LFW0024	Extend warranty to 4 years	\$179.00
LFW0036	Extend warranty to 5 years	\$199.00

RM8100 Analog Mobiles

RMU8125	Mobile UHF 438-490 MHz 25 Watt 256 Channels	\$356.00
RMU8145	Mobile VHF 400-470 MHz 45 Watt 512 Channels	\$498.00
RMV8125	Mobile VHF 136-174 MHz 25 Watt 256 Channels	\$320.00
RMV8150	Mobile VHF 136-174 MHz 50 Watt 512 Channels	\$450.00

Prices include install kit and standard microphone



RM8100 Analog Mobile Accessories

Antennas		
1201-30996-500	Antenna Mobile UHF 450-470 MHz, 2.4dB	\$75.83
1201-30996-600	Magnetic Mount Base 17' Cable	\$64.95
MWV1360S	Antenna Mobile VHF 136-174 MHz	\$105.00
Installation Kit		
Power Supplies		
PWRCBLE8150/25	DC Power cable	\$74.00
LAA0158	Low Profile Power Supply 22 Amp, 110/220 VAC	\$325.00
Programming Accessories		
RESRM8125	Programming Software, RM8125	\$25.00
RESRM8150	Programming Software, RM8150/45	
PCRM8	PC Programming Cable	\$25.00
PWRCBLERM8150/25	Power Cable RM8125/RM8150	\$74.00
PCUSBRM8100	Programming PCUSB CABLE RM8100	\$25.00
Speakers and microphones		
MMDTMFRM81	Microphone Mobile DTMF RM81	\$63.00
MM8100	RM81 Mobile microphone	\$72.00
RSRM81	Externa Speaker, 20 W, 4 ohms, RM8100 Series	
Service		
SERMANRMU8125	RMU800 Service Manual	\$25.00
SERMANRMU8150	RMU800 Service Manual	\$25.00
Extended Warranty		
RFW0012	Extend warranty to 3 years	\$25.00
RFW0024	Extend warranty to 4 years	\$60.00

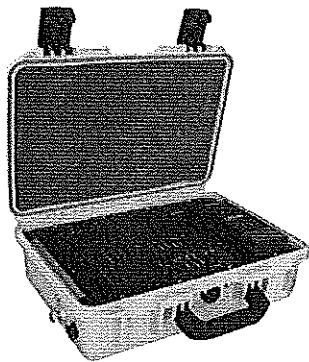


Repeaters and Base Stations

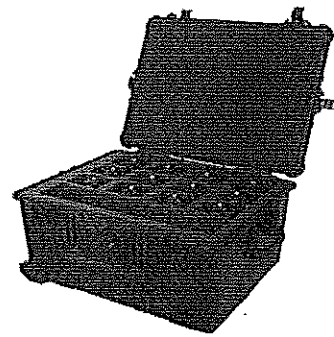
Rapid Deployment Portable Repeater System

RDPR-HP-1	Universal Repeater, Portable High Power, <i>Requires LZA0151 (VHF) or LZA0152 (UHF) or LZA0155 (800MHz)</i>	\$2,615.00
All accessories sold separately on HP Series		
RDPR-00U	Universal Repeater Portable W/ 7AH SLA Battery - Yellow Case	\$1,800.00
RDPR-00UB	Universal Repeater Portable W/ 7AH SLA Battery - Black Case	\$1,800.00
RDPR-00UM	Universal Repeater Portable Military (Battery sold separately)	\$3,787.00
Price Includes: AC Wall Charger & 7 AH SLA battery in weather proof box. Excludes HP Series above.		

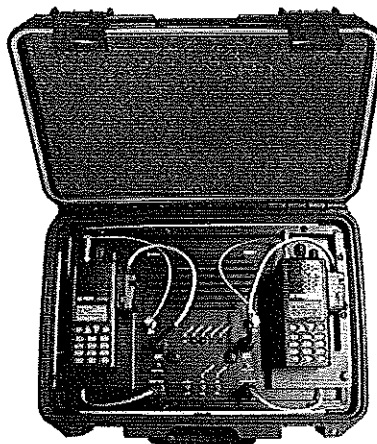
NOTE: All RPDR's require an "RIKXXX" Interface Kit



RDPR-00U Yellow Case
RDPR-00B Black Case



RDRCC



RDPR-HP / HP-1

Rapid Deployment Portable Repeater Accessories

Antenna's & Antenna Accessories		
BS4MRDPR	Tripod, Heavy Duty 4m (13 feet) Blue Sky RDPR	\$6,753.00
CABANTRDPR	Cable, RG58 Coax 25ft with connectors	\$104.00
CABANTRDPR50	Cable, RG58 Coax, 50 ft, LMR240, N to UHF, RDPR	\$155.00
CABANTRDPR50N	Cable Coax, Ant. 50ft, LMR240, N to N, RDPR with connectors	\$155.00
MBS	Antenna mounting base	\$47.00
MBS-NTYPE	Antenna mounting base w/ N Type	\$70.00
MWU4002S	Mobile Antenna, 406-512 MHz w/Spring	\$105.00
MWV1360S	Mobile Antenna, 136-174 MHz w/spring	\$105.00
MWV800	Mobile Antenna 763-870MHz	\$105.00
USAT-1	Tripod, Aluminum, 6ft	\$204.32
Batteries & Battery Options		
4004-40012-601	Replacement 7 Ah Internal Battery RDPR-OOU	\$50.00
4004-40012-603	Li-Ion Battery 12 AH, 15V RDPRUM	\$900.00
BATTKITRDPR	2nd Battery Installation Kit (Include 4004-40012-601 battery)	\$105.00
EBS-RDPR	External Battery System Li-ion 40AH	\$3,925.00
Carrying Cases		
RDRCC	Carrying Case 12 Cavity	\$972.00
RDRRCC	Carrying Case for RDPR & Accessories	\$2,538.00
Chargers, Solar Panels & Cable Options		
CABAUTO12VRDPR-HP	Cable, Assy, 12V, Auto Acc, RDPR-HP	\$225.00
CABSOLARRDPR	Cable, Solar, Extension, 10 ft	\$95.50
CHRGCBRLDPR	Charge cable Assy EBS-RDPR to RDPR	\$225.00
CHRGCBRLDPR-UM	Charge cable Assy EBS-RDPR to RDPR-UM	\$70.00
DCCBLRDPRUM	Cable, DC, 6Ft., 18AWG RDPRUM	\$70.00
DRKIT-RDPR	Factory Install, Converts RDPR to Digital In-Band Repeater	\$485.00
PWRCBLHP	Power cable Assembly with 12V cigarette Lighter adaptor RDPR-HP	\$225.00
SLRCBLRDPRUM	Cable, Solar, 6Ft., 18AWG RDPRUM	\$130.00
SP20WM	Solar Panel Mounting Bracket "Limited Quantities"	\$83.00
SP20WRDPR	20 Watt Solar Panel "Limited Quantities"	\$428.00
SP20WRDPR-F	Solar Panel Foldable, 15.8V, 1.2A, 20W	\$790.00
SP60WRDPR-F	Solar Panel Foldable 60 Watt	\$2,077.00
SP90WRDPR-F	Solar Panel Foldable 90 Watt	\$2,875.00
VARDPR	Vehicle Accessory Adapter/Cigarette Lighter	\$25.00
VARDPR-UM	Charging Adaptor, Vehicle, RDPR-UM	\$110.00
VASLREBS	Cable, Charging, Vehicle, Solar, EBS-RDPR	\$250.00
VATOUM	Cable, Adaptor, Solar to military	\$250.00
WCHRGREBS	Wall Charger 5A 110-220Vac EBS-RDPR	\$203.82
WCRDPR	Wall Charger (Additional to what comes with standard box)	\$70.00
WCRDPRUM	Wall Charger (Additional to what comes with standard box) RDPRUM	\$230.00
WPSRDPR-HP	Power Supply Wall Unit 14V/ 10A RDPR HP	\$485.00
Duplexers		
*Duplexers must have 5 - 10 MHz TX-RX separation		
LZA0151	Factory Install Power Amplifier VHF 45 Watts RDPR-HP	\$1,125.00
LZA0152	Factory Install Power Amplifier UHF 45 Watts RDPR-HP	\$1,395.00
LZA0155	Factory Install Power Amplifier 700/800 45 Watts RDPR-HP	\$2,925.00
LZA3015-A *	Factory Install 136-148 MHz Internal Duplexer (frequencies required)	\$1,184.00
LZA3015-A6 *	Factory Install 136-148 MHz Internal Duplexer (frequencies required) RDPR-HP-1	\$1,190.00
LZA3015-B *	Factory Install 148-160 MHz Internal Duplexer (frequencies required)	\$1,184.00
LZA3015-B6 *	Factory Install 148-160 MHz Internal Duplexer (frequencies required) RDPR-HP-1	\$1,190.00
LZA3015-C *	Factory Install 160-174 MHz Internal Duplexer (frequencies required)	\$1,184.00
LZA3017-A *	Factory Install 406-440 MHz Internal Duplexer (frequencies required)	\$1,284.00
LZA3017-A6 *	Factory Install 380-400 MHz Internal Duplexer (frequencies required) MR356B-4	\$970.00
LZA3017-B *	Factory Install 440-480 MHz Internal Duplexer (frequencies required)	\$1,284.00
LZA3017-B6 *	Factory Install 440-480 MHz Internal Duplexer (frequencies required) RDPR-HP-1	\$970.00
LZA3017-C *	Factory Install 480-512 MHz Internal Duplexer (frequencies required)	\$1,284.00
LZA3017-C6 *	Factory Install 480-512 MHz Internal Duplexer (frequencies required) RDPR-HP-1	\$1,190.00
LZA3017-D6 *	Factory Install 406-440 MHz Internal Duplexer (frequencies required) RDPR-HP-1	\$970.00
LZA3050	Factory Install Duplexer Switch Kit RDPR	\$1,879.00
LZA456B-2-1	Factory Install 746-806 MHz Internal Duplexer (frequencies required)	\$1,040.00
LINKCRDPR	Cable Mobile Extender Link, RDPR	\$50.00
LINKCRDPR2	Cable Mobile Extender Link, RDPR-HP/M	\$175.76

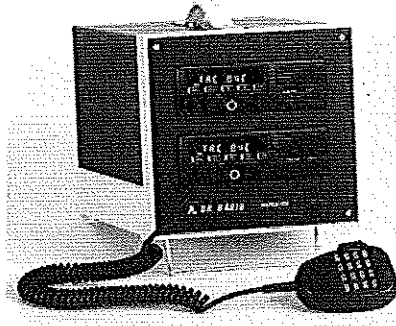
Rapid Deployment Portable Repeater Accessories Con't

* Interface Kits & Cables		
LZA0587	Factory Install, Upgrade to RDPR-00U	\$1,658.00
MECRDPR	Mobile Interface Cable	\$60.00
MECRDPR-KNGM	Cable, Mobile Extender, RDPR-HP/M to KNGM	\$179.76
MECRDPR2	Cable, Mobile Extender, RDPR-HP/M	\$195.00
RIKDPH	Radio Interface Kit for BK Radio D and G Series Portables	\$500.00
RIKKNK	Radio Interface Kit for KNG Portables	\$1,200.00
RIKMACOM	Radio Interface Kit for MACOM 7100 Portables	\$1,325.00
RIKRP3	Radio Interface Kit for RP300/3600 Portables	\$1,335.00
RIKRP7	Radio Interface Kit for RP7 Portables	\$1,335.00
RIKXTS	Radio Interface Kit for Motorola XTS5000 and EFJ P5100 Portables	\$1,667.00
RIKXTS2500	Radio Interface Kit, XTS2500, RDPR	\$1,667.00
SINCGARS_LINK	Linking Cable for SINCGARS	\$265.00
SINCGARS_LINK2	Linking Cable for SINCGARS-mil	\$265.00

Digital & Analog Tactical and Rack Mount Repeaters

DRH-01	Digital 50 Watt Tactical Repeater	\$8,000.00
GRH-01	Analog 50 Watt Tactical Repeater 240 Channels GMH Series	\$4,595.00
GRHP-01	Analog 50 Watt Tactical Repeater 400 Channels GMHXP Series AC or DC powered portable repeater	\$5,315.00
DRH-01-100	Repeater, VHF, P25, 136-174MHz, 100W Digital	\$9,990.00
KRU-4A-50	Repeater, UHF, 400-470 MHz, P25 50 Watts	\$10,540.00
KRU-5A-50	Repeater, UHF, 470-512 MHz, P25 50 Watts	\$10,540.00
KRU-4A-100	Repeater, UHF, 400-470 MHz, P25 100 Watts	\$11,540.00
KRU-5A-100	Repeater, UHF, 470-512MHz, P25, 100 Watts	\$11,540.00

Prices are for radio only. Microphones and options sold separately.



DRH-01/ GRH-01 / GRHP-01

D - Digital

G - Analog

Microphone sold separate



DRH-01-100 / KRU Series

Repeater Accessories

Microphones		
LAA0258	Low Profile Desktop Microphone	\$192.00
LAA0276	Standard Handheld Microphone	\$45.00
LAA0290	Handheld Programming Microphone	\$190.00
Options		
DU150M60DRH*	Internal Duplexer (Specify frequencies)	\$1,184.00
	* Duplexers must have 5 - 10 MHz TX-RX separation	
LAA0158	AC Power Option	\$325.00
Programming Accessories		
G/ECC	"Smart" Cloning Cable	\$165.00
KAA0710	PC Programming Cable KNG	\$125.00
KAA0731	Software, DRH-01-100	\$90.00
LAA0700	Basic Cloning Cable	\$75.00
LAA0725	PC Programming Cable	\$125.00
LAA0742CD	GMH Software	\$70.00
LAA0742P	GMH PC Software	\$90.00
LAA0745	DMH PC Software	\$90.00
Digital Encryption (DRH Only)		
LAA0587	Encryption Key Loader Cable Digital Only	\$250.00
LZA0568P	Upgrade GMHXP to P25 Digital (requires both radios to be upgraded)	\$1,250.00
LZA0576	DES and AES Encryption Option Digital Only	\$288.00
LZA0580	Over-the-Air-Rekeying (OTAR) DMH Digital Only	\$485.00

KNG P25 Digital Base Stations

KNG-B150	Base, Station, Digital VHF 136-174MHz, 2048 Channels, 50 Watts	\$5,057.00
KNG-B400	Base, Station, Digital UHF 380-470MHz, 2048 Channels, 50 Watts	\$5,057.00
KNG-B500	Base, Station, Digital UHF 440-520-MHz, 2048 Channels, 50 Watts	\$5,057.00
KNG-B800	Base, Station, Digital 763-870 MHz, 2048 Channels, 30/35 Watts	\$5,057.00

Unit comes with Internal Speaker and Power Supply



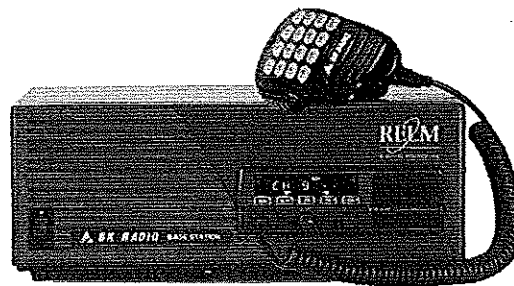
KNG P25 Digital Base Station Accessories

Antennas		
MWU4002S	UHF Mobile Antenna, 380-520 MHz	\$105.00
MWV1360S	VHF Mobile Antenna, 136-174 MHz	\$105.00
MWV800	Mobile Antenna, 763-870 MHz	\$105.00
NMO-NTYPE	Fixed Antenna Mount NMO w/ Type N Connector	\$50.00
Speaker Microphones & Audio Accessories		
KAA0258	Microphone, Desktop	\$150.00
KAA0261	External Speaker 20W, 4 Ohm, W/ Mounting Bracket	\$50.00
KAA0276	Standard Handheld Microphone KNG-M	\$266.00
KAA0290	Handheld Programming Microphone	\$425.00
KAA0647	Aux. / Speaker Cable Assembly (Incuded with KNG-Bxxx)	\$47.95
Options & Upgrades		
LAA2027H	Remote, Tone, Handset, IDA 24-66II	\$1,185.00
LAA2027PS	Programming Kit, LZA2027, Software & Cable	\$130.00
KAA0521	DFSI/Station Alert Interface Unit	\$655.00
KAA0154	Option, High Power, 110W KNG-M150 Field Installed	\$350.00
KAA0569	P25 9600 Baud Trunking	\$660.00
KAA0580	OTAR (Trunking & Conventional) "Must have KZA0576"	\$485.00
KAA0583	Vote Scan	\$90.00
KAA0589	GPS Option for KNG Mobiles	\$695.00
KAA0592	Field Installed, OTAP, Trunking, KNG-Mxxx "Must have KZA0569"	\$199.00
KAA0594	Option, TDMA " Must have KZA0569"	\$250.00
KAA0596	Option, Radio Authentication " Must have KZA0569 & KZA0576"	\$125.00
KAA0615	Kit, Audio Interface box for Headset and Foot PTT, Does not include headset	\$375.00
KAA0618	Foot Switch, PTT, Heavy duty, KNG-B "requires KZA0615"	\$215.00
KAA0619	Cable assy, Dual Microphone Extention, KNG-B	\$245.00
KAA0629	Kit, RCH Expansion Splitter Box, KNG-M	\$265.00
KAA0647A	Cable Assy, ACC, 25 pin w/audio Jack, KNG-M	\$115.00
KZA0154	Option, High Power, 110W KNG-M150 Factory Installed	\$350.00
KZA0569	P25 9600 Baud Trunking	\$660.00
KZA0576	DES / AES Encryption	\$288.00
KZA0580	P25 Over the Air Rekeying (OTAR)	\$485.00
KZA0583	Factory Install Vote Scan	\$90.00
KZA0589	Factory Install GPS	\$695.00
KZA0592	Factory Install, OTAP, Trunking, KNG-Mxxx "Must have KZA0569"	\$199.00
KZA0594	Factory Install, TDMA	\$250.00
KZA0596	Factory Install, Radio Authentication	\$125.00
KZA0615	interface Board, Audio Headset, KNG-B	\$180.00
KZA0616	Factory Install, Remote Interface, KNG-B	\$280.00
KZA2027	Factory Install, Tone Termination Panel, IDA, KNG-B	\$1,030.00
KZA2028	Factory Install, Tone Termination Panel, Vega, KNG-B	\$2,965.00
Programming		
KAA0701	Legacy / KNG Cloning Cable Portable & Mobile	\$550.00
KAA0705	Cable, Authentication Key Loader, KNG	\$260.00
KAA0710	KNG Programming Cable	\$125.00
KAA0732	Editing Software, KNG-PXXX & MXXX	\$150.00
KZA0903	Factory Programming KNG	\$75.00
Service		
KAA0003	Manual, Service, KNG-B XXX Printed	\$125.00
KAA0003CD	Manual, Service, KNG-B XXX CD	\$45.00
Extended Warranty		
LFW0012	Extended Warranty to 3 Years	\$143.00
LFW0024	Extended Warranty to 4 Years	\$179.00
LFW0036	Extended Warranty to 5 Years	\$199.00

Digital & Analog Desktop Base Stations

DBH-01	136-174 MHz Digital 50 Watt Base Station	\$4,000.00
GBH-01	136-174 MHz Analog Base Station 240 Channels 50 Watts	\$2,160.00
GBHP-01	136-174 MHz Analog Base Station 400 Channels 50 Watts	\$2,520.00

Prices are for radio only. Microphones and options sold separately.



DBH-01/ GBH-01 / GBHP-01

D - Digital

G - Analog

Shown with LAA0290 Microphone

Desktop Base Station Accessories

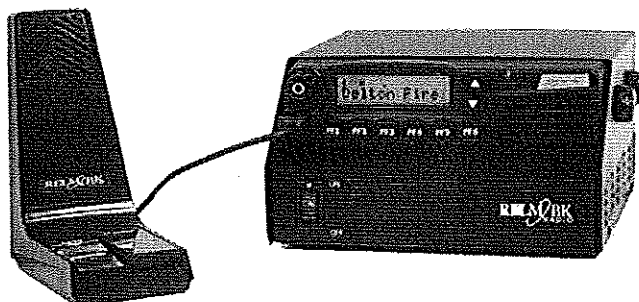
Speakers & Microphones		
LAA0258	Low Profile Desktop Microphone	\$192.00
LAA0276	Standard Handheld Microphone	\$45.00
LAA0290	Handheld Programming Microphone	\$190.00
Factory Installed Options		
LZA0903	Factory Programming	\$75.00
LZA2027	Internal Tone Termination Panel (IDA) (LAA2027PS Required)	\$1,180.00
LZA2028	Internal Tone Termination Panel (Vega)	\$2,655.00
Amplifiers		
Programming Accessories		
G/ECC	"Smart" Cloning Cable	\$165.00
LAA0700	Basic Cloning Cable	\$75.00
LAA0725	PC Programming Cable	\$125.00
LAA0742CD	GMH Software	\$70.00
LAA0745	DMH PC Software	\$90.00
Digital Encryption (DBII Only)		
LAA0587	Encryption Key Loader Cable Digital Only	\$250.00
LAA0727	Encryption Key Loader Hirose Adapter Digital Only	\$75.76
LZA0576	DES and AES Encryption Option Digital Only	\$288.00
LZA0580	Over-the-Air-Rekeying (OTAR) Digital Only	\$485.00
Extended Warranties		
LFW0012	Extend warranty to 3 years	\$143.00
LFW0024	Extend warranty to 4 years	\$179.00
LFW0036	Extend warranty to 5 years	\$199.00

RM800 Series Analog Base Stations

RBU800A	UHF (450-512 MHz) 45 Watts 512 Channel	\$1,331.00
RBU800A-AES	VHF (136-174 MHz) 45 Watts AES 512 Channel	\$2,500.00
RBU800C	UHF (400-470 MHz) 45 Watts 512 Channel	\$1,331.00
RBU800C-AES	UHF (400-470 MHz) 45 Watts AES 512 Channel	\$2,500.00
RBV800A	VHF (136-174 MHz) 50 Watts 512 Channel	\$1,331.00
RBV800A-AES	UHF (450-512 MHz) 45 Watts AES 512 Channel	\$2,500.00
RBV8150	Base Station, 50 watts, 136-174 MHz, 512 Channels	\$1,055.00

Includes LAA0158 Power Supply & LAA0617 Power Supply Hood. Microphones and options sold separately.

RMBASE-KIT	Kit, Base Station RM -Series	\$475.00
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RM800 Series Base Station Accessories

Speakers & Microphones		
MMDTMFRM8	DTMF microphone (for DTMF Encode)	\$79.00
MMRM8	RM800 Mobile microphone	\$49.00
RDM800	Desktop microphone	\$81.70
RSRM8	External Speaker 12 Watt (Stereo Jack)	\$79.00
Power Supply		
LAA0158	Low Profile Power Supply 22 Amp, 110/220 VAC	\$325.00
LAA0617	Power Supply Hood for LAA0158	\$35.00
Programming Accessories		
CCRM	Cloning Cable	\$125.00
PCRM8	Programming Cable	\$25.00
RESRM8	Software	\$25.00
Antennas		
1201-30996-500	Antenna, Mobile, UHF, 450-470 MHz, 2.4dB	\$75.83
1201-30996-600	Magnetic Mount base, 17' Cable	\$64.95
MWU4002S	Antenna, Mobile, UHF, 406-512 MHz	\$105.00
MWV1360S	Antenna, Mobile, VHF, 136-174 MHz	\$105.00
Manuals		
SERMANRMU800	Service Manual (UHF)	\$25.00
SERMANRMV800	Service Manual (VHF)	\$25.00

S-Series Analog / Conventional Repeaters

Duty Cycle: Continuous-100% for 50W & 100W RF output Antenna

Connectors: N-Type Female

Please specify TX/RX frequencies at time of order

Prices are for radio only. Microphones and other options are sold separately (see standard equipment options)

Height 3.5" (2RU) Depth 7.8" Width Rackmount Power: 12VDC

VHF-LOW BAND: 30 - 50 MHz		
SRLA2A2H	VHF-Low Band: 30-39 MHz (50 Watt)	\$7,990.00
SRLA3A3H	VHF-Low Band: 39-50 MHz (50 Watt)	\$7,990.00
SRLA3A3V	VHF-Low Band: 39-47 MHz (100 Watt)	\$8,345.00
VHF: 135 - 174 MHz		
SRVCCCH	VHF: 135-160 MHz (50 Watt)	\$6,915.00
SRVCCV	VHF: 135-160 MHz (110 Watt)	\$7,510.00
SRVD3D3H	VHF: 148-174 MHz (50 Watt)	\$6,915.00
SRVD3D3V	VHF: 148-174 MHz (110 Watt)	\$7,510.00
UHF: 370 - 520 MHz		
SRUMMH	UHF: 370-400 MHz (50 Watt)	\$6,915.00
SRUMMV	UHF: 370-400 MHz (110 Watt)	\$7,510.00
SRUN2N2H	UHF: 400-435 MHz (50 Watt)	\$6,915.00
SRUN2N2V	UHF: 400-435 MHz (110 Watt)	\$7,510.00
SRUO2O2H	UHF: 435-470 MHz (50 Watt)	\$6,915.00
SRUO2O2V	UHF: 435-470 MHz (110 Watt)	\$7,510.00
SRUP2P2H	UHF: 450-485 MHz (50 Watt)	\$6,915.00
SRUP2P2V	UHF: 450-485 MHz (110 Watt)	\$7,510.00
SRUQQH	UHF: 485-520 MHz (50 Watt)	\$6,915.00
SRUQQV	UHF: 485-520 MHz (110 Watt)	\$7,510.00
800: 805-870 MHz		
SRERRM	800 MHz: TX/RX: 805-825 MHz (35Watt)	\$8,940.00
SRETRM	800 MHz: TX: 850-870 MHz RX: 805-825 MHz (35 Watt)	\$8,940.00
SRERTM	800 MHz: TX: 805-825 MHz RX: 850-870 MHz (35 Watt)	\$8,940.00
SRETTM	800 MHz: TX/RX: 850-870 MHz (35 Watt)	\$8,940.00

S-Series Analog stations include the following options as standard features:

LZAST03: Programmable CTCSS/CDCSS Encoder/Decoder

LZAST08: VF Audio Delay (Noiseless Mute)

LZAST13: Local Speaker and Microphone Input

LZAST14: Local 99 Channel Selector

LZAST15: N-Type RX Connector (TX N-Type standard)

LZAST16: 1.0 ppm Frequency Stability

LZAST32: Front

S-Series Analog/Conventional Base Stations

Duty Cycle: Continuous-100% for 50W & 100W RF output Antenna

Connectors: N-Type Female

Please specify TX/RX frequencies at time of order

Prices are for radio only. Microphones and other options are sold separately (see standard equipment options)
Height 3.5" (2RU) Depth 7.8" Width 19" Rackmount Power: 12VDC

VHF-LOW BAND: 30 - 50 MHz		
SBLA2A2H	VHF-Low Band: 30-39 MHz (50 Watt)	\$8,560.00
SBLA3A3H	VHF-Low Band: 39-50 MHz (50 Watt)	\$8,560.00
SBLA3A3V	VHF-Low Band: 39-47 MHz (100 Watt)	\$8,915.00
VHF: 135 - 174 MHz		
SBVCCCH	VHF: 135-160 MHz (50 Watt)	\$7,485.00
SBVCCV	VHF: 135-160 MHz (110 Watt)	\$8,200.00
SBVD3D3H	VHF: 148-174 MHz (50 Watt)	\$7,485.00
SBVD3D3V	VHF: 148-174 MHz (110 Watt)	\$8,200.00
UHF: 370 - 520 MHz		
SBUMMH	UHF: 370-400 MHz (50 Watt)	\$7,485.00
SBUMMV	UHF: 370-400 MHz (110 Watt)	\$8,200.00
SBUN2N2H	UHF: 400-435 MHz (50 Watt)	\$7,485.00
SBUN2N2V	UHF: 400-435 MHz (110 Watt)	\$8,200.00
SBUO2O2H	UHF: 435-470 MHz (50 Watt)	\$7,485.00
SBUO2O2V	UHF: 435-470 MHz (110 Watt)	\$8,200.00
SBUP2P2H	UHF: 450-485 MHz (50 Watt)	\$7,485.00
SBUP2P2V	UHF: 450-485 MHz (110 Watt)	\$8,200.00
SBUQQH	UHF: 485-520 MHz (50 Watt)	\$7,485.00
SBUQQV	UHF: 485-520 MHz (110 Watt)	\$8,200.00
800: 805-870 MHz		
SBERRM	800 MHz: TX/RX: 805-825 MHz (35Watt)	\$9,510.00
SBETRM	800 MHz: TX: 850-870 MHz RX: 805-825 MHz (35 Watt)	\$9,510.00
SBERTM	800 MHz: TX: 805-825 MHz RX: 850-870 MHz (35 Watt)	\$9,510.00
SBETTM	800 MHz: TX/RX: 850-870 MHz (35 Watt)	\$9,510.00

S-Series Analog stations include the following options as standard features:

LZAST03: Programmable CTCSS/CDCSS Encoder/Decoder
 LZAST08: VF Audio Delay (Noiseless Mute)
 LZAST13: Local Speaker and Microphone Input
 LZAST14: Local 99 Channel Selector
 LZAST15: N-Type RX Connector (TX N-Type standard)
 LZAST16: 1.0 ppm Frequency Stability
 LZAST32: Front

SD-Series P25 Digital / Conventional Repeaters

SD-Series P25 Digital/Conventional Repeater Station with LZAST82 P25 Option Module

Duty Cycle: Continuous- 100% for 50 W & 100 WRF output Antenna

Connectors: N-Type Female

Please specify TX/RX frequencies at time of order

Prices are for radio only. Microphones and other options are sold separately (see standard equipment options)

Height 3.5" (2RU) Depth 7.8" Width 19" Rackmount Power: 12VDC

VHF-LOW BAND: 30 - 50 MHz		
SDRLA2A2H	VHF-Low Band: 30-39 MHz (50 Watt)	\$12,890.00
SDRLA3A3H	VHF-Low Band: 39-50 MHz (50 Watt)	\$12,890.00
SDRLA3A3V	VHF-Low Band: 39-47 MHz (100 Watt)	\$13,820.00
VHF: 135 - 174 MHz		
SDRVCCCH	VHF: 135-160 MHz (50 Watt)	\$11,815.00
SDRVCCV	VHF: 135-160 MHz (110 Watt)	\$12,530.00
SDRVD3D3H	VHF: 148-174 MHz (50 Watt)	\$11,815.00
SDRVD3D3V	VHF: 148-174 MHz (110 Watt)	\$12,530.00
UHF: 370 - 520 MHz		
SDRUMMH	UHF: 370-400 MHz (50 Watt)	\$11,815.00
SDRUMMV	UHF: 370-400 MHz (110 Watt)	\$12,530.00
SDRUN2N2H	UHF: 400-435 MHz (50 Watt)	\$11,815.00
SDRUN2N2V	UHF: 400-435 MHz (110 Watt)	\$12,530.00
SDRUO2O2H	UHF: 435-470 MHz (50 Watt)	\$11,815.00
SDRUO2O2V	UHF: 435-470 MHz (110 Watt)	\$12,530.00
SDRUP2P2H	UHF: 450-485 MHz (50 Watt)	\$11,815.00
SDRUP2P2V	UHF: 450-485 MHz (110 Watt)	\$12,530.00
SDRUQQH	UHF: 485-520 MHz (50 Watt)	\$11,815.00
SDRUQQV	UHF: 485-520 MHz (110 Watt)	\$12,530.00
800: 805-870 MHz		
SDRERRM	800 MHz: TX/RX: 805-825 MHz (35Watt)	\$13,840.00
SDRETRM	800 MHz: TX: 850-870 MHz RX: 805-825 MHz (35 Watt)	\$13,840.00
SDRERTM	800 MHz: TX: 805-825 MHz RX: 850-870 MHz (35 Watt)	\$13,840.00
SDRETTM	800 MHz: TX/RX: 850-870 MHz (35 Watt)	\$13,840.00

S-Series Digital stations include the following options as standard features:

LZAST15: N-Type RX Connector (TX N-Type standard)

LZAST16: 1.0 ppm Frequency Stability for UHF & 800MHz, VHF 1.5 PPM Standard

LZAST82: P25 Digital Option Board

NOTES:

To configure a SDR Series P25 Repeater Station with a different P25 Option module (LZAST80, LZAST81 or LZAST83

To configure a SDB Series P25 Base Station with a different P25 Option module (LZAST81 or LZAST83 Option)

- Consult RELM Wireless



Prices are for radio only. Microphones and other options are sold separately

LZAST82 Option Module: P25 Digital Option Board with Digital Fixed Station Interface (DFSI)

Includes LZAST03, T08, T13, T14, and T32 functionality

AMBE +2™ Enhanced Vocoder (Ver. 1.60)

Ethernet interface with digital audio or digitized analog audio

Tone remote control with E&M and 2/4 wire audio interface



SD-Series P25 Digital / Conventional Base Stations

SD-Series P25 Digital/Conventional Repeater Station with LZAST82 P25 Option Module
Please specify TX/RX frequencies at time of order

Prices are for radio only. Microphones and other options are sold separately (see standard equipment options)

VHF-LOW BAND: 30 - 50 MHz		
SDBLA2A2H	VHF-Low Band: 30-39 MHz (50 Watt)	\$13,460.00
SDBLA3A3H	VHF-Low Band: 39-50 MHz (50 Watt)	\$13,460.00
SDBLA3A3V	VHF-Low Band: 39-47 MHz (100 Watt)	\$13,820.00
VHF: 135 - 174 MHz		
SDBVCCCH	VHF: 135-160 MHz (50 Watt)	\$12,385.00
SDBVCCV	VHF: 135-160 MHz (110 Watt)	\$13,100.00
SDBVD3D3H	VHF: 148-174 MHz (50 Watt)	\$12,385.00
SDBVD3D3V	VHF: 148-174 MHz (110 Watt)	\$13,100.00
UHF: 370 - 520 MHz		
SDBUMMH	UHF: 370-400 MHz (50 Watt)	\$12,385.00
SDBUMMV	UHF: 370-400 MHz (110 Watt)	\$13,100.00
SDBUN2N2H	UHF: 400-435 MHz (50 Watt)	\$12,385.00
SDBUN2N2V	UHF: 400-435 MHz (110 Watt)	\$13,100.00
SDBUO2O2H	UHF: 435-470 MHz (50 Watt)	\$12,385.00
SDBUO2O2V	UHF: 435-470 MHz (110 Watt)	\$13,100.00
SDBUP2P2H	UHF: 450-485 MHz (50 Watt)	\$12,385.00
SDBUP2P2V	UHF: 450-485 MHz (110 Watt)	\$13,100.00
SDBUQQH	UHF: 485-520 MHz (50 Watt)	\$12,385.00
SDBUQQV	UHF: 485-520 MHz (110 Watt)	\$13,100.00
800: 805-870 MHz		
SDBERRM	800 MHz: TX/RX: 805-825 MHz (35Watt)	\$14,415.00
SDBETRM	800 MHz: TX: 850-870 MHz RX: 805-825 MHz (35 Watt)	\$14,415.00
SDBERTM	800 MHz: TX: 805-825 MHz RX: 850-870 MHz (35 Watt)	\$14,415.00
SDBETTM	800 MHz: TX/RX: 850-870 MHz (35 Watt)	\$14,415.00

S-Series Digital stations include the following options as standard features:

LZAST15: N-Type RX Connector (TX N-Type standard)
LZAST16: 1.0 ppm Frequency Stability
LZAST82: P25

NOTES:

To configure a SDR Series P25 Repeater Station with a different P25 Option module (LZAST80, LZAST81 or LZAST83)
To configure a SDB Series P25 Base Station with a different P25 Option module (LZAST81 or LZAST83 Option)



Prices are for radio only. Microphones and other options are sold separately

LZAST82 Option Module: P25 Digital Option Board with Digital Fixed Station Interface (DFSI)
Includes LZAST03, T08, T13, T14, and T32 functionality
AMBE +2™ Enhanced Vocoder (Ver. 1.60)
Ethernet interface with digital audio or digitized analog audio
Tone remote control with E&M and 2/4 wire audio interface

S / SD-Series P25 Digital / Conventional Repeaters & Base Stations Options

Individual Options

LZAST03	Programmable CTCSS/CDCSS Encoder/Decoder	\$180.00
LZAST05	Balanced and Isolated VF - I/O with E & M Lead	\$264.00
LZAST06	Simplex Changeover Relay	\$572.00
LZAST08	VF Audio Delay (Noiseless Mute)	\$292.00
LZAST09	CTCSS Enhanced Filter	\$292.00
LZAST10	Low Standby Current Drain (for Analog use only)	\$430.00
LZAST08-09	Combined Option board w/LZAST08 and LZAST09	\$459.00
LZAST09-10	Combined Option board w/LZAST09 and LZAST10	\$660.00
LZAST08-10	Combined Option board w/LZAST08 and LZAST10	\$660.00
LZAST08-09-10	Combined Option board w/LZAST08, LZAST09, and LZAST10	\$887.00
LZAST12	External Reference Input	\$160.00
LZAST13	Local Speaker and Mic Input	\$144.00
LZAST14	Local 99 Channel Selector	\$60.00
LZAST15	RX Input: N-Type Connector	No Charge
LZAST16	1.0 PPM Frequency Stability Option	\$117.00
LZAST17	Line Interface Board	\$1,114.00
LZAST29	Balanced and Isolated VF I/O with E&M Lead	\$215.00
LZAST32	Front Panel adjustable Line I/O	\$55.00
LZAST34	Ethernet interface for remote diagnostics	\$715.00
LZAST35	Balanced & Isolated VF I/O w/E&M Lead	\$215.00
LZAST58	Advanced Ethernet interface for remote diagnostics	\$1,097.00
LZAST76	Ethernet upgrade for LZAST82/LZAST83	\$1,875.00
LZAST77	Software upgrade to LZAST76 option	\$6,875.00
LZAST80	APCO P25 Transparent Repeater Option Board	\$3,750.00
LZAST81	P25 Digital Upgrade Option Board	\$5,000.00
LZAST83	P25 Digital Upgrade Option Board with APCO P25 FSI & P25 Data Repeat	\$7,125.00
LZAST576	AES / DES-OFB	\$288.00
ACSURGEKIT	AC Surge Kit	\$254.00
MA384	Bulk Head Lightning Protector (N Type F-F)	\$101.00
LZASTPTT	Front Panel switch to disable (remote PTT function)	\$195.00
Microphones		
LAA0276S	Handheld Microphone	\$150.00
LAA0258S	Desktop Microphone	\$192.00
Power Supplies		
PS36	36 Amp Power Supply	\$888.00
PS20	20 Amp Power Supply	\$650.00
Battery Management System and Back-up Battery		
BMS1275	Battery Management System	\$895.00
BATTBU75	Back-up AGM Battery 75A	\$670.00
Duplexers***, IM Panels, and Amplifiers		
DU150M80RP	VHF Duplexer (50 watt : 80 dB Isolation : 1.5 dB Insertion Loss : > 4.5 MHz Min. Freq Sep)	\$790.00
DU150B80	VHF Duplexer (120 watt : 80 dB Isolation : 0.8 dB Insertion Loss : > 3.0 MHz Min. Freq Sep)	\$2,625.00
DU150B85	VHF Duplexer (350 watt : 85 dB Isolation : 1.5 dB Insertion Loss : > 0.5 MHz Min. Freq Sep)	\$3,875.00
DU450M75RP	UIIF Duplexer (50 watt : 75 dB Isolation : 1.4 dB Insertion Loss : > 5.0 MHz Min. Freq Sep)	\$717.00
DU450B85	UIIF Duplexer (350 watt : 75 dB Isolation : 1.2 dB Insertion Loss : > 5.0 MHz Min. Freq Sep)	\$1,675.00
LZAST456N-1-1	800 Duplexer (50 Watt : 60 dB Isolation : 1.0 dB Insertion Loss : > 45.0 MHz Min. Freq Sep)	\$1,284.00
DU800B80RP	800 Duplexer (150 Watt : 80 dB Isolation : 1.0 dB Insertion Loss : > 45.0 MHz Min. Freq Sep)	\$1,895.00
IMP-150-05030	VHF IM Suppression Panel (50 watt)	\$1,275.00
IMP-150-12560	VHF IM Suppression Panel (125 watt)	\$1,400.00
IMP-400-05030	UHF IM Suppression Panel (50 watt)	\$1,275.00
IMP-400-12560	UHF IM Suppression Panel (125 watt)	\$1,400.00
Linking Cable		
LZA0635	Cross-Banding Link Cable	\$152.00

S / SD-Series P25 Digital / Conventional Repeaters & Base Stations Options Con't

Cabinets, Racks, and System Integration		
RICA30	30" Cabinet with 2 Locking Doors	\$1,275.00
RICA36	36" Cabinet with 2 Locking Doors	\$1,572.45
RICA42	42" Cabinet with 2 Locking Doors	\$1,772.45
RACK36	36" Open Equipment Rack	\$755.00
RACK60	60" Open Equipment Rack	\$790.00
RACK90	90" Open Equipment Rack	\$950.00
ASSEMBLYCHG	Programming and	\$500.00
CABLEKIT	Hardware and	\$100.00
Repeater/Telephone Interconnect Panel		
RP154PLUS	Shared Repeater/Telephone Interconnect Panel (Analog operation only)	\$1,515.00
Service Manual and Programming		
LAA0740	Programming Software & Cable	\$417.00
LAA0748	Programming Software SMX920 Repeater	\$45.00

SMX920 Analog Desktop Repeaters / Base Stations

Prices are for radio and stated options only. Microphones and options sold separately.

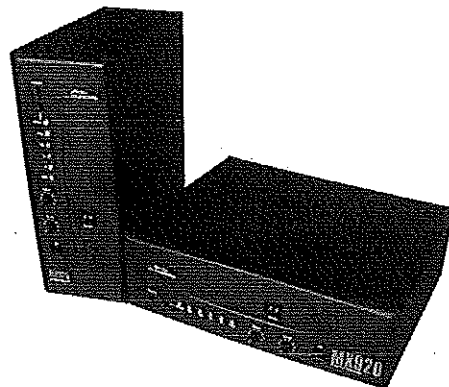
Horizontal or vertical version must be specified at time of order.

SMX920-D3	Analog 50 Watt 148-174 MHz - Repeater/Base Station (no Relay or Power Supply)	\$2,250.00
SMX920-D3-B	Analog 50 Watt 148-174 MHz - Base Station with Relay and Basic Power Supply	\$3,397.00
SMX920-D3-R	Analog 50 Watt 148-174 MHz - Repeater with Duplexer Kit and Basic Power Supply	\$3,786.00
SMX920-N2	Analog 50 Watt 400-435 MHz - Repeater/Base Station (no Relay or Power Supply)	\$2,250.00
SMX920-N2-B	Analog 50 Watt 400-435 MHz - Base Station with Relay and Basic Power Supply	\$3,397.00
SMX920-N2-R	Analog 50 Watt 400-435 MHz - Repeater with Duplexer Kit and Basic Power Supply	\$3,786.00
SMX920-O2	Analog 50 Watt 435-470 MHz - Repeater/Base Station (no Relay or Power Supply)	\$2,250.00
SMX920-O2-B	Analog 50 Watt 435-470 MHz - Base Station with Relay and Basic Power Supply	\$3,397.00
SMX920-O2-R	Analog 50 Watt 435-470 MHz - Repeater with Duplexer Kit and Basic Power Supply	\$3,786.00
SMX920-P2	Analog 50 Watt 450-485 MHz - Repeater/Base Station (no Relay or Power Supply)	\$2,250.00
SMX920-P2-B	Analog 50 Watt 450-485 MHz - Base Station with Relay and Basic Power Supply	\$3,397.00
SMX920-P2-R	Analog 50 Watt 450-485 MHz - Repeater with Duplexer Kit and Basic Power Supply	\$3,786.00
SMX920-QQ	Analog 50 Watt 485-520 MHz - Repeater/Base Station (no Relay or Power Supply)	\$2,250.00
SMX920-QQ-B	Analog 50 Watt 485-520 MHz - Base Station with Relay and Basic Power Supply	\$3,397.00
SMX920-QQ-R	Analog 50 Watt 485-520 MHz - Repeater with Duplexer Kit and Basic Power Supply	\$3,786.00

Options, Duplexers*, and Accessories

SMXU27	SMX920 Technical Manual	\$125.00
SMXT56	Power Supply 85-264 VAC, 9A Continuous /15A Peak Includes: Battery Manager System	\$704.00
SMXT57	Basic Power Supply 85-264 VAC, 9A Continuous /15A Peak	\$547.00
SMXU16	Desk Microphone	\$50.00
SMXU28	Rack Mounting Tray (3 RU)	\$197.00
	Internal Battery Bracket Kit - Batteries not included	
	(Use 2x Panasonic 6V 12VAh Model #LC-R0612P)	\$99.00
	NOTE: Internal battery can be used with either a duplexer or power supply, but not both	
SMXT51	Base Station Simplex Coaxial Changeover Relay	\$600.00
SMXU37	PC Programming Cable	\$50.00
SMXU35	Duplexer Bracket	\$90.00
SMXU40	Duplexer 144-160MHz (includes SMXU35 Duplexer Bracket)	\$737.00
SMXU41	Duplexer 160-175MHz (includes SMXU35 Duplexer Bracket)	\$737.00
SMXU47	Duplexer 400-440MHz (includes SMXU35 Duplexer Bracket)	\$737.00
SMXU48	Duplexer 440-475MHz (includes SMXU35 Duplexer Bracket)	\$737.00
SMXU59	Duplexer Cable Set	\$162.00


*All internal SMX Duplexers must have >5 MHz separation between RX and TX frequencies



SMX920 Analog Stations (Vertical and Horizontal versions)

SMX921 Low Current Repeaters / Base Stations

Prices are for radio only. Microphones and other options are sold separately

Analog/Conventional SMX921 Repeater Station		
SMX921-D3	Analog 50 Watt 148-174 MHz (50 Watt)	\$7,250.00
SMX921-N2	Analog 50 Watt 400-435 MHz (50 Watt)	\$7,250.00
SMX921-O2	Analog 50 Watt 435-470 MHz (50 Watt)	\$7,250.00
SMX921-P2	Analog 50 Watt 450-485 MHz (50 Watt)	\$7,250.00
SMX921-Q	Analog 50 Watt 485-520 MHz (50 Watt)	\$7,250.00
SMX921-N2-2	Analog 400-435 MHz (2 Watt)	\$6,250.00
SMX921-O2-2	Analog 435-470 MHz (2 Watt)	\$6,250.00
SMX921-P2-2	Analog 450-485 MHz (2 Watt)	\$6,250.00
SMX921-Q-2	Analog 485-520 MHz (2 Watt)	\$6,250.00
P25 Digital/Conventional SDMX-921 Repeater Station with LZAST92 P25 Option Module		
SDMX921-D3	Digital P25 50 Watt 148-174 MHz (50 Watt)	\$11,000.00
SDMX921-N2	Digital P25 50 Watt 400-435 MHz (50 Watt)	\$11,000.00
SDMX921-O2	Digital P25 50 Watt 435-470 MHz (50 Watt)	\$11,000.00
SDMX921-P2	Digital P25 50 Watt 450-485 MHz (50 Watt)	\$11,000.00
SDMX921-Q	Digital P25 50 Watt 485-520 MHz (50 Watt)	\$11,000.00
SDMX921-N2-2	Digital P25 400-435 MHz (2 Watt)	\$10,000.00
SDMX921-O2-2	Digital P25 435-470 MHz (2 Watt)	\$10,000.00
SDMX921-P2-2	Digital P25 450-485 MHz (2 Watt)	\$10,000.00
SDMX921-Q-2	Digital P25 485-520 MHz (2 Watt)	\$10,000.00
Options		
LZAST45	System Interface Expansion Option	\$772.00
LZAST46	Low-Loss Solar Regulator and Intelligent Battery Manager Option	\$662.00
LZAST47	Base Station Simplex Coaxial Changeover Relay	\$600.00
LZAST48	N-Type RX Connector	No Charge
LZAST92	APCO P25 Transparent Repeater Board Option 	\$3,750.00
Programming Cable and Manual		
LAA0748	Software, Programming SMX920 Series	\$45.00
SMXU37	PC Programming Cable	\$50.00
SMXU76	SMX921 Technical Manual	\$125.00
Duplexers* and Amplifiers		
DU150M80RP	VHF Duplexer (50 watt) > 5.0 MHz separation	\$790.00
DU150B80	VHF Duplexer (120 watt) > 3.0 MHz RX-TX separation	\$2,625.00
DU150B85	VHF Duplexer (350 watt) > 500 kHz RX-TX separation	\$3,875.00
DU450M75RP	UHF Duplexer (50 watt)	\$717.00
DU450B85	UHF Duplexer (350 watt)	\$1,675.00
*All Duplexers must have >5 MHz separation between RX and TX frequencies.		
Power Supplies		
PS36	36 Amp Power Supply 50A Peak/ 36 Continuous	\$888.00
PS20	20 Amp Power Supply 25A Peak / 20A Continuous	\$650.00
Microphones		
LAA0276S	Handheld Microphone	\$150.00
LAA0258S	Desktop Microphone	\$192.00



SMX921 Low-Current Repeater



MPSCS Bulletin # 2014-04

Radios Approved for use on the MPSCS

After evaluation by the Michigan Public Safety Communications staff for compliance with the established MPSCS technical and operational standards, the radios listed below have met those requirements and are eligible for use on the MPSCS by MPSCS members.

The following Mobile Radios have been approved for use on the MPSCS:

Mobile Radios					
MOTOROLA			MOTOROLA		
Model	Serial #	Model #	Model	Serial #	Model #
Spectra Plus W4+	526XXX1234	D04UJF9SW4AN	XTL5000 W5 Motorcycle	500XXX1234	M20URS9PW1AN
Spectra Plus W5+	526XXX1234	D04UJF9SW5AN	XTL5000 W3	500XXX1234	M20URS9PW1AN
Spectra Plus W9+	526XXX1234	D04UJH9SW9AN	XTL5000 W4	500XXX1234	M20URS9PW1AN
Spectra W3	494XXX1234	D04UJH9PW3AN	XTL5000 W5	500XXX1234	M20URS9PW1AN
Spectra W4	494XXX1234	D04UJF9PW4AN	XTL5000 W5 Motorcycle	500XXX1234	M20URS9PW1AN
Spectra W4 Motorcycle	494XXX1234	M04UGF9PW4AN	XTL5000 W7	500XXX1234	M20URS9PW1AN
Spectra W5	494XXX1234	D04UJF9PW5AN	XTL5000 W9	500XXX1234	M20URS9PW1AN
Spectra W5 Motorcycle	494XXX1234	M04UGF9PW5AN	XTL5000 O3	500XXX1234	M20URS9PW1AN
Spectra W7	494XXX1234	D04UJH9PW7AN	XTL5000 O5	500XXX1234	M20URS9PW1AN
Spectra W9	494XXX1234	D04UJH9PW9AN	XTL5000 W5	276XXX1234	L20URS9PW1AN
Spectra W5 Console	761XXX1234	L04UJF9PW5AN	XTL5000 W7	276XXX1234	L20URS9PW1AN
Spectra W7 Console	761XXX1234	L04UJH9PW7AN	XTL5000 W9	276XXX1234	L20URS9PW1AN
Spectra W9 Console	761XXX1234	L04UJH9PW9AN	XTL5000 O5	276XXX1234	L20URS9PW1AN
XTL1500 MX	775XXX1234	M28URS9PW1AN	XTL5000 Console	276XXX1234	L20URS9PW1AN
XTL2500 M5	514XXX1234	M21URM9PW1AN	APX6500	572XXX1234	M25URS9PW1AN
			APX7500	656XXX1234	M30TSS9PW1AN
			APX4500	471XXX1234	M22URS9PW1AN
			APX7500 Console	761XXX1234	L30URS9PW1AN

Please contact the MPSCS Template Design Unit (TDU) or Radio Programming Unit (RPU) for individual model compatibility with features such as:

- Data
- OTAR (Over The Air Rekeying of encryption keys)
- OTAP (Over The Air Programming)



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Mobile Radios (continued)

EF JOHNSON			Harris		
Model	Serial #	Model #	Model	Serial #	Model #
53xx Series (ES/SL)			M7200		MAMV-FDLxx
TAIT			M7300		MAMW-SDMxx
Model	Serial #	Model #			
TM9155					
TM9400					
KENWOOD					
Model	Serial #	Model #			
TK5910					

Please contact the MPSCS Template Design Unit (TDU) or Radio Programming Unit (RPU) for individual model compatibility with features such as:

- Data
- OTAR (Over The Air Rekeying of encryption keys)
- OTAP (Over The Air Programming)



MPSCS Bulletin # 2014-04

The following Portable Radios have been approved for use on the MPSCS:

Portable Radios					
MOTOROLA			TAIT		
Model	Serial #	Model #	Model	Serial #	Model #
Saber II	310XXX1234	H04UCF9PW7AN	TP9100		
Saber III	310XXX1234	H04UCH9PW7AN	TP9400		
XTS1500 I	687XXX1234	H66UCC9PW5AN	HF JOHNSON		
XTS1500 1.5	687XXX1234	H66UCD9PW5AN	Model	Serial #	Model #
XTS1500 1.5	687XXX1234	H66UCD9PW5BN	51xx Series (ES/SL/LT)		
XTS2500 1.5	205XXX1234	H46UCD9PW5AN	ASCEND (ES)		242-557
XTS2500 1.5	205XXX1234	H46UCD9PW5BN	VIKING		VP-600
XTS2500 II	205XXX1234	H46UCF9PW6AN	KENWOOD		
XTS2500 II	205XXX1234	H46UCF9PW6BN	Model	Serial #	Model #
XTS2500 III	205XXX1234	H46UCH9PW7AN	TK5400-K1		
XTS2500 III	205XXX1234	H46UCH9PW7BN	TK5400-K2		
XTS3000 II	326XXX1234	H09UCF9PW7AN	TK5410-K1		
XTS3000 II	326XXX1234	H09UCF9PW7BN	TK5410-K2		
XTS3000 III	326XXX1234	H09UCH9PW7AN	MA/GOM - HARRIS		
XTS3000 III	326XXX1234	H09UCH9PW7BN	Model	Serial #	Model #
XTS5000 II	721XXX1234	H18UCF9PW6AN	P7100 IP		HT7170T81X
XTS5000 III	721XXX1234	H18UCH9PW7AN	P7200		MAPT-T7HXX
APX4000	426XXX1234	H51UCH9PW7AN	Unity XG-100P		XP-100F
APX6000 Model I	481XXX1234	H98UCD9PW5AN	BENDIX KING		
APX6000 Model II	481XXX1234	H98UCF9PW6AN	Model	Serial #	Model #
APX6000 Model III	481XXX1234	H98UCH9PW7AN	KNG-P800		
APX7000 Model 1.5	655XXX1234	H97TGD9PW1AN	THALES		
APX7000 Model 3.5	655XXX1234	H97TGD9PW1AN	Model	Serial #	Model #
			LIBERTY		4102023-501

Please contact the MPSCS Template Design Unit (TDU) or Radio Programming Unit (RPU) for individual model compatibility with features such as:

- Data
- OTAR (Over The Air Rekeying of encryption keys)
- OTAP (Over The Air Programming)